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The Bulletin *of the* University *of* Minnesota

General Extension Division Announcement of Evening Courses 1918-1919

Vol. XXI No. 22 August 31 1918

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CALENDAR

1918-1919

	1918		
September	23-28	Week	Registration week
September	27	Friday 8:15 p.m.	Annual opening of Extension Courses, St. Paul
September	28	Saturday 8:15 p.m.	Annual opening of Extension Courses, Minneapolis
September	30	Monday	Regular class work begins
November	28	Thursday	Thanksgiving holiday
December	21	Saturday	Christmas recess begins
December	30	Monday	Class work resumed
	1919		
January	20-24	Week	Examination week, first semester
January	24	Friday	First semester ends
February	3	Monday	Second semester begins
February	3	Monday	Merchants' Short Course begins
May	19-23	Week	Examination week, second semester
May	23	Friday	Second semester ends

GENERAL EXTENSION DIVISION

FACULTY

Marion LeRoy Burton, Ph.D., D.D., LL.D., President
Cyrus Northrop, LL.D., President Emeritus
Richard R. Price, M.A., Director of University Extension

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John B. Johnston, Ph.D., Dean of the College of Science, Literature, and the Arts, Professor of Comparative Neurology
William R. Vance, Ph.D., LL.D., Dean of the Law School, Professor of Law
Francis B. Barton, Ph.D., Assistant Professor of Romance Languages
Emmet L. Bennett, M.A., Secretary of Municipal Reference Bureau
Gisle Bothne, M.A., Professor of Scandinavian Languages and Literatures
William E. Brooke, B.C.E., M.A., Professor of Mathematics and Mechanics
Carleton Brown, Ph.D., Professor of English
Oscar C. Burkhard, Ph.D., Assistant Professor of German
Richard Burton, Ph.D., Professor of English
Alvin S. Cutler, C.E., Assistant Professor of Railway Engineering
James Davies, Ph.D., Assistant Professor of German
John D. Dodson, Ph.D., Instructor in Psychology
John F. Ebersole, M.A., Professorial Lecturer in Economics
Oliver C. Edwards, M.E., Assistant Professor of Mechanical Engineering, General Extension Division
Daniel Ford, M.A., Assistant Professor of Rhetoric
James H. Forsythe, M.A. in Arch., Assistant Professor of Architecture
Jules T. Frelin, B.A., Assistant Professor of Romance Languages
Robert W. French, B.S., Assistant Professor of Drawing
John S. Garns, B.A., Instructor in Story Telling, General Extension Division
Cyril A. Herrick, B.A., Instructor in Rhetoric
Stanley B. Houck, LL.M., Instructor in Business Law, General Extension Division
Albert E. Jenks, Ph.D., Professor of Anthropology
Alfred E. Koenig, M.A., Dr. Theol., Assistant Professor of German
August C. Krey, Ph.D., Associate Professor of History
Lee Kuempel, Instructor in Railroad Traffic and Rates, General Extension Division

Edward M. Lehnerts, M.A., Assistant Professor of Geography, General Extension Division
Albert J. Lobb, LL.B., Ph.B., Lecturer in Political Science
Rupert C. Lodge, M.A., Assistant Professor of Philosophy
Franklin R. McMillan, C.E., Assistant Professor of Structural Engineering
George A. Maney, C.E., M.S., Instructor in Civil Engineering
Frederick M. Mann, M.S. in Arch., C.E., Professor of Architecture
John V. Martenis, M.E., Assistant Professor of Mechanical Engineering
Mac Martin, Professorial Lecturer in Advertising, General Extension Division
Walter R. Myers, Ph.D., Assistant Professor of German
Morton M. Newcomb, B.A., Instructor in Business Management, General Extension Division
Charles W. Nichols, Ph.D., Assistant Professor of Rhetoric
Everett W. Olmsted, Ph.D., Professor of Romance Languages
Joseph Peterson, Ph.D., Assistant Professor of Psychology
Charles H. Preston, B.A., Associate Professor of Business Administration, General Extension Division.
Albert W. Rankin, B.A., Professor of Education
Frank M. Rarig, M.A., Associate Professor of Rhetoric and Public Speaking
William H. Richards, Instructor in Carpentry and Pattern Work
Clare L. Rotzel, B.C.S., C.P.A., Associate Professor of Accounting, General Extension Division
Frank B. Rowley, M.E., Assistant Professor of Experimental Engineering
Martin B. Ruud, Ph.D., Instructor in Rhetoric
William T. Ryan, E.E., Assistant Professor of Electrical Engineering
Charles A. Savage, Ph.D., Professor of Greek
Colbert Searles, Ph.D., Professor of Romance Languages
George D. Shepardson, D.S., Professor Electrical Engineering
Charles F. Shoop, B.S., Assistant Professor of Experimental Engineering
Andrew A. Stomberg, M.S., Professor of Scandinavian Languages and Literatures
Fletcher H. Swift, Ph.D., Professor of Education
Joseph M. Thomas, Ph.D., Professor of Rhetoric
Hubert M. Turner, B.S., Instructor in Electrical Engineering
Percival W. Viesselman, M.A., LL.B., Instructor in Political Science
Howard T. Viets, M.A., Instructor in Business English
Norman Wilde, Ph.D., Professor of Philosophy and Psychology
Herbert Woodrow, Ph.D., Associate Professor of Psychology
Jeremiah S. Young, Ph.D., Professor of Political Science
Otto S. Zelner, B.S., Assistant Professor of Surveying

EXTENSION SERVICE

The Extension Service of the University of Minnesota is organized to include:

A. Evening classes, in Minneapolis, St. Paul, Duluth, and other cities.

1. Courses leading to credit in the College of Science, Literature, and the Arts.
2. Courses in business administration, accountancy, and finance.
3. Practical courses in engineering.

B. Correspondence courses.

C. Extension lectures, singly or in groups, and lyceum lectures, concerts, and entertainments.

D. The Municipal Reference Bureau, which compiles and furnishes to city officials information pertaining to municipal government and administration.

E. The Bureau of Visual Instruction, through which loan collections of lantern slides and films are furnished to schools and clubs.

F. University coöperation with local educational effort as exemplified by the "University Weeks."

G. Drama Service, through which dramatic clubs and school societies are given advice about the production of amateur theatricals, and copies of plays are lent for reading and selection.

H. Agricultural Extension, including lectures, demonstrations, institutes, and short courses under the direction of the College of Agriculture, Forestry, and Home Economics.

EVENING COURSES

GENERAL INFORMATION

ADMISSION TO COURSES

It is not intended that any regulation should debar from the privileges of these courses any person who can pursue them profitably. Those persons desiring credit toward a University degree must of course comply with the regulations laid down by the college in which credit is desired. Those not desiring such credit may be admitted, provided they are sufficiently mature (more than eighteen years of age) and can satisfy the departments in which they wish to study that they are able to carry the work profitably to themselves and without hindrance to the classes.

CREDIT FOR EXTENSION COURSES

Credit toward a degree will be given students who satisfy the entrance requirements of the college in which credit is desired and who successfully complete any of the extension courses of university grade. This applies to all the courses listed under academic or collegiate courses, unless otherwise specified. It also applies to nearly all of the business courses. The courses listed under engineering do not carry credits. Such credits will be recorded upon matriculation in the University. Courses requiring one evening (two hours) a week for recitation normally carry two credits. Those requiring more time usually carry correspondingly more credit.

The statement concerning credit for the Certificates in Accountancy, in Finance, and General Business will be found on pages 19 and 20.

Students *must indicate at the time of registration whether or not they desire university credit in the courses pursued.*

Regulations Concerning Credit in the College of Science, Literature, and the Arts

1. All courses for which credit is given in the College of Science, Literature, and the Arts must be authorized with the credits by the Advisory Committee. But credit shall be given only to those extension courses which are conducted in essentially the same manner as the corresponding courses in the University and which are carried on under similar conditions as to attendance, term's work, quizzes, and examinations.

2. Each credit course shall be directly in charge of a member of the Faculty.

3. Any regularly enrolled University student successfully completing an approved course shall receive the appropriate credit.

4. Any person shall receive a certificate upon satisfactorily completing an approved course. The certificates entitle the holder to the corresponding University credits whenever he has earned thirty credits in residence. The Registrar or the Administrative Board shall in all cases pass upon the qualifications of the student.

5. The maximum credit towards a degree for work done in extension courses shall not exceed one half the unit hours required for graduation. At least twelve credits in the major subject shall be completed in regular college classes and of these, six must be from starred courses.

6. Credit for an amount not exceeding one quarter of the unit hours required for graduation may be given at the University of Minnesota to students of such other extension schools or departments as may be approved by the Advisory Committee, provided that such credit shall be subject to the same provisions as govern credits in the General Extension Division of the University of Minnesota.

RESIDENT STUDENTS

1. No University student may enroll for extension courses for the purpose of removing a condition or failure.

2. No University student may enroll for an extension course if this would increase his credit hours beyond what the rules allow.

3. Any University student who wishes to enroll for an extension course must first obtain the approval of the dean of his college.

FEES

Collegiate courses meeting one evening a week require a fee of $5 a semester of sixteen weeks. For collegiate courses meeting two evenings a week, the fee is $10 a semester.

The fee for business and engineering courses is $45 per year, payable $22.50 each semester, when registering for three subjects; or $30 per year, payable $15 per semester, when registering for two subjects. The fee for a single subject is $7.50 per semester. This does not include materials.

The fee does not include the cost of texts or material. The cost of these items varies from $1 to $3.

All fees are payable at the time of registration, and registration should not be deferred longer than the second meeting of class. Checks should be made payable to the University of Minnesota. *No fee will be refunded on account of withdrawal from any course,* unless application for refund be made within *ten days* after registration.

Special arrangements are made with organizations, clubs, and business concerns, whereby instruction may be given to groups of students within the organization at a sum which will somewhat reduce the individual rate per member.

PLACES FOR CONDUCTING CLASSES

Most of the classes in engineering will be held in the Main Engineering Building, Electrical Engineering Building, or the Mechanical Engineering Building.

Other classes in Minneapolis are conducted at the University, at the Public Library, at the City Hall, and in some of the public school houses. Definite locations for each class will be announced in a circular to be published about September 15.

In St. Paul the work will be carried on at the Mechanic Arts High School, the City Hall, and the Public Library. Additional accommodations will be provided for in some cases.

NUMBER FOR WHOM CLASSES WILL BE ORGANIZED

Classes will not be organized for a smaller enrollment than fifteen, and in some courses a larger registration will be required.

TIME OF MEETING

Classes ordinarily meet at 7:30 and dismiss at 9:30. Classes in business subjects frequently meet at 6:30.

ENROLLMENT

Registration for the first semester takes place during the week preceding the organization of classes (September 23-28). Students may also register with the instructor at the class.

PROGRAM OF CLASSES

Folders will be issued about September 15, giving the program of classes and schedules of meeting places. It should be understood that not all the courses listed in this bulletin are given in any one year. Final announcements may be found in the special folders. Folders will be issued for the collegiate courses, the business courses, and the engineering courses. Separate bulletins are also issued for each of these courses.

LOCATION OF EXTENSION OFFICES

The offices of the General Extension Division may be found on the third floor of Millard Hall on Washington Avenue and Union Street S. E. To telephone the office call N. W. East 2760 or T. S. 41811 and ask the University central for the General Extension Division.

COURSES OF INSTRUCTION

The courses of instruction naturally group themselves into four divisions, viz., (1) those corresponding to the regular college courses given in the College of Science, Literature, and the Arts, and conveying credit toward a degree from that college; (2) those furnishing a preparation for business (most of which also carry credit toward a degree from the above college); (3) engineering courses. A separate bulletin of each of these groups may be obtained on request. The description of courses will therefore be grouped in this order. The first group will be designated collegiate courses.

DEPARTMENT OF COLLEGIATE INSTRUCTION

The following courses are given extension students with two purposes in view: First, an opportunity is afforded those who are candidates for degrees, but who are unable to pursue their entire college course in regular residence, to complete a part of their work while otherwise occupied during the day.

Second, the advantage of university training in cultural subjects is offered those who can devote one or more evenings a week to such work, regardless of any desire for university credit.

The General Extension Division is now prepared to offer the following evening courses. Others will be given provided a sufficient registration is assured, usually fifteen. Those interested in forming such classes are advised to correspond with the Director.

A special folder announcing specific dates and places for holding classes will be issued early in September. This folder, containing the class program, will be sent to all requesting it.

FEES

Each course listed as a collegiate course requires a fee of $5 for the semester of sixteen weeks, the class meeting one evening a week for two hours. For collegiate courses meeting two evenings a week the fee is $10 a semester.

CHEMISTRY

1 (1-2*). Elementary Chemistry. First semester, metals. Second semester, metals and qualitative analysis. Lectures, recitations, and laboratory work. A study of the common elements and their principal compounds together with discussions of the principles, laws, and

*The number in parentheses is that of the corresponding course in the regular University bulletins.

theories of chemistry. Special attention to be given to the practical applications of chemistry. Those wishing to work on special problems will be accommodated as far as possible. Two credits a semester (two evenings a week). By doing extra laboratory work a well-qualified student may earn three credits a semester.

EDUCATION

1 (1a). Brief History of Education. The origin and development of schools, more particularly in the modern period, as a preparation for the understanding of the educational systems, theories, and practices of the present. Ranks as a junior and senior course in the University. Open to teachers and prospective teachers who have met the college entrance requirements. Two credits (one evening a week); first semester. Swift.

2 (3a). Social Aspects of Education. This course deals with conditions within the school itself,—such as the socialized recitation and the social activities of students. It also discusses educational activities outside the school, including the various institutions which influence society. It treats of the necessity of coördinating the social activities within and without the school so that each may become more effective. Two credits (one evening a week); first semester. Rankin.

3 (119). The School Curricula. An attempt is made to discover fundamental principles governing the material and methods of education in a democracy. To this end it discusses the nature of what we mean by a democratic society. The aims and methods of the enterprise of education are considered from this point of view. Two credits (one evening a week); second semester. Rankin.

ENGLISH

1 (58). Nineteenth Century Prose. Studies in the more important prose writers of the nineteenth century from Carlyle to Matthew Arnold, with consideration of their styles, personalities, opinions, and relations to their period. Two credits (one evening a week); first semester. Ruud.

2. The Eighteenth Century Novel. A study of the great novels produced in the eighteenth century, particularly the works of Richardson, Fielding, and Smollet. Two credits (one evening a week); first semester. Nichols.

3 (55). American Literature. Lectures on American Literature, with extensive readings from the principal poets and prose writers of the United States. Two credits (one evening a week); second semester. Herrick.

4 (108). The Romantic Poets. A study of the Romantic School of Poets from Wordsworth to Keats, and of the influence of the French Revolution upon them. Two credits (one evening a week); second semester. Brown.

5. Story Telling to Children. (1) Story telling; its place and value; (2) choice of the story: qualities, desirable and undesirable; (3) preparation of the story; application of the short-story ideals of "singleness of impression" and "dramatic struggle"; reconstruction of the story from the child's view-point; (4) the problem of delivery: the group, consciousness, holding attention, self-effacement, vocal and verbal adaptation. No University credit (one evening a week); first semester. Garns.

6. Advanced Course in Story Telling. Twofold emphasis throughout the course upon (1) the problem of delivery, and (2) the search for material. Fundamentals in training of voice and body for story telling. Principles of vocal expression as they apply in the story-teller's art. The use of dialects and impersonation in story telling. Material: myths, great epic cycles, fairy stories, biographical and historical stories, Bible stories. Planning the story program. No University credit (one evening a week); first semester. Garns.

GEOLOGY AND GEOGRAPHY

1 (1). General Geology. The materials of the earth, the forces and processes operating upon them, and the effects produced. Physiographic, dynamic, and structural geology, with a brief introduction to historical geology. Two credits (one evening a week); first semester. Lehnerts.

2 (29). General Physiography. Principles of earth sculpture; physiographic changes in progress, and agencies causing them; hydrography and oceanography; planetary relations; climatology; field excursions. Two credits (one evening a week); first semester. Lehnerts.

3 (34). Meteorology. The earth's atmosphere, its properties, movements, and phenomena. Storms and weather forecasting. Climate and its relation to plant, animal, and human life. Two credits (one evening a week); second semester. Lehnerts.

4 (37). Commercial Geography. The materials of industry and commerce, and the principles which underlie their occurrence, production, conservation, and utilization. Two credits (one evening a week); first semester. Lehnerts.

5 (4). Geography and Geology of Minnesota. Rocks and soils; minerals and mines; building stones, clay beds, and glacial deposits;

rivers and lakes; scenic features; waterways and water powers; artesian well basins; prairie, forests, and agricultural lands; problems of state-wide interest, such as immigration, agriculture, drainage, reforestation, construction of state highways; utilization of natural resources, and development of old and new industries. Prerequisite, Course 1. Two credits (one evening a week); second semester. LEHNERTS.

6. PHYSIOGRAPHY OF THE EASTERN UNITED STATES. A study of the regional physiography of the eastern half of the United States. Prerequisite, Course 1 or 2. Two credits (one evening a week); first semester. LEHNERTS.

7. PHYSIOGRAPHY OF THE WESTERN UNITED STATES. A study of the regional physiography of the western half of the United States. Courses 5 and 6 give training in physiographic study and interpretation and serve as a preparation in the fundamentals of the geography of our country. Prerequisite, Course 1 or 2. Two credits (one evening a week); second semester. LEHNERTS.

8 (55). THE TEACHING OF GEOGRAPHY. The organization and treatment of the subject matter of school geography. Prerequisite, six credits in geography and geology. Two credits (one evening a week); first semester. LEHNERTS.

9. MAP INTERPRETATION. Reading and interpretation of maps; construction and use of maps and of geographic diagrams, including block diagrams of land forms. Two credits (one evening a week); second semester. Prerequisite, Course 1 or 2. LEHNERTS.

GERMAN

1 (1-2). BEGINNING GERMAN. Pronunciation, grammar, conversation, and composition; selected reading in easy prose and verse. Eight credits (two evenings a week); both semesters. Open to all who have had no German. Both semesters must be completed before credit is given for the first semester. DAVIES.

2 (5-6) PROSE AND POETRY. Geography, history, and legend. Review of German grammar throughout the year. Open to all with two years of German. Not open to those who have obtained credit in Course 2. Both semesters must be completed before credit is given for the first semester. Eight credits (two evenings a week); both semesters. MYERS.

3 (27-28). ELEMENTARY CONVERSATION. Conversation on topics of everyday life, aiming at fluency in the use of idiom. Not a course in composition. Organized on the laboratory basis—one hour credit with two hours recitation and at least one hour of outside preparation.

Intended for those who have had at least one year of German. Two credits (one evening a week); both semesters. BURKHARD.

4 (11-12). RAPID READING. Short stories and dramas by Storm, Heyse, Baumbach, Lessing, Goethe, Schiller, Hebbel, and Sudermann. Classwork and discussions are conducted in German. Open to all who have had at least one year of German. Four credits (one evening a week); both semesters. KOENIG.

GREEK IN ENGLISH

1. GREEK MYTHOLOGY. No knowledge of Greek is required for this course. A course of lectures and readings dealing with the legends and myths which appear in the literature and art of ancient Greece. The quaint and beautiful stories of Greek gods and heroes found in Homer and in the tragic and lyric poets will be presented and interpreted, and the whole course will be richly illustrated with the stereopticon. The origin and evolution of the myth, its relations to Greek literature, philosophy, and religion, and its influence upon later literature, will also be touched upon. Two credits (one evening a week); second semester. SAVAGE.

2. GREEK LITERATURE AND LIFE. This is a course dealing with the literature, life, and art of the ancient Greeks, for which no knowledge of Greek is required. The course consists of lectures and illustrative readings by the instructor and assigned readings in translation and textbook work by the class; conferences and informal discussions will also be held. The character and influence of Greek culture, especially along the lines of literature, philosophy, and art, will be discussed; and the whole course will be richly illustrated with the stereopticon. Especially designed for those interested in language and literature. Two credits (one evening a week); first semester. SAVAGE.

3 (59-60). GREEK ART. This is a course of illustrated lectures designed to set forth the spirit of the ancient Greeks as manifested in their sculpture and architecture. The development of Greek sculpture will be traced; the famous statues will be shown and described; and the personalities of the great artists will be considered; stereopticon views of temples, theatres, houses, and other buildings will be shown, and the characteristics of the three great orders of Greek architecture will be set forth. Two credits (one evening a week); first semester. SAVAGE.

HISTORY

1 (1). EUROPEAN HISTORY I. The development of Europe from 800 to about 1500 A. D. with special emphasis upon the political, social, and

economic institutions of the period. Open to all. Two credits (one evening a week); first semester. KREY.

2 (2). EUROPEAN HISTORY II. The development of Europe from c. 1500 to 1789. In this period are treated the Reformation, Religious Wars, and the causes of the French Revolution. The political growth of the nations of Europe is especially emphasized. Two credits (one evening a week); second semester. KREY.

3. EUROPEAN HISTORY III. The development of Europe from 1789 to the present time. Political history especially emphasized. Social and economic problems are treated in their international aspects. Two credits (one evening a week); second semester. KREY.

PHILOSOPHY

1 (20). PRESENT DAY PHILOSOPHY. A popular discussion of the most important types of contemporary philosophy. Among the men and movements included are: Haeckel, Eucken, Bergson, Nietzsche, Pragmatism, Idealism, and Neo-Realism. Two credits (one evening a week); first semester. WILDE.

2. HUMAN NATURE. A course in modern philosophy and psychology, as applied to the chief problems of practical life. The course will be untechnical, and will include a number of simple experiments to illustrate the subjects treated, and to serve as basis for the discussion. Among the subjects dealt with, the following will be included: the analysis of character into its elements; the significance of laziness, fatigue and sleep; efficiency, and the chief factors in attaining it; the meaning of education: its various stages, and final goal; memory, and the laws of forgetfulness; thought transference, automatic writings, and kindred subjects. No University credit (one evening a week); first semester. LODGE.

3. THE MEANING AND VALUE OF LIFE. A course in the modern philosophy of life, dealing in a simple and untechnical way with the deeper values which underlie life as it is lived to-day. Among the subjects dealt with will be included: the philosophy of social life; the philosophy of pleasure; the philosophy of pain; the meaning and value of work; practical idealism, etc. No University credit (one evening a week); second semester. LODGE.

4 (9). PHILOSOPHY AND THE WAR. A discussion of the influence of German philosophy on the militarism of Germany to-day; a study of the contrasting ideals of autocracy and democracy; an examination of the relation of the individual to the state and of states to one another. The course is a study of the philosophical issues involved in the present international situation. Two credits (one evening a week); first semester. WILDE, SWENSON, LODGE.

POLITICAL SCIENCE

1. American Federal Government. An elementary course in American government and politics designed for those studying the problems of citizenship, and for teachers. The course treats of the origin and nature of the federal system of government; of the political party system; the federal constitution; structure and organization of the national government; powers and functions of Congress; the executive, and the judiciary; the civil service; the regulatory commissions; national finance; the conduct of foreign affairs; war powers of the government. Texts, *American Government and Politics* by C. A. Beard, and *The New American Government and Its Work* by J. T. Young. Two credits (one evening a week); first semester. Bennett.

2. State and Local Government. A complementary course to I preceding. The constitutional basis of state government; relation of the states to the national and local governments, and to the citizen; organization, functions, and actual workings of state governments, and of county, township, and city governments; public opinion and popular control in state governments; nominations and elections, initiative, referendum, and recall; taxation and finance; social and regulatory legislation. Texts, Beard's *American Government and Politics* and *The New American Government and Its Work* by J. T. Young. Two credits (one evening a week); second semester. Bennett.

PSYCHOLOGY

1 (1-2). General Psychology. A brief survey of the fundamental facts of human nature, with particular reference to mental processes. Two credits (one evening a week); first semester. Dodson.

2 (107). Social Psychology. The instinctive and acquired factors in the behavior of the individual toward society and its various forms and groupings, and in the growth of ideas of self and of social attitudes. Two credits (one evening a week); first semester. Peterson.

RHETORIC AND PUBLIC SPEAKING

1 (1). English Rhetoric I. Practical training in writing, exposition, narration, and description. Analysis of prose selections and of compositions written by the class. Two credits (one evening a week); first semester. Ford.

2 (2). English Rhetoric II. A continuation of the preceding course, open to those who have had a one half-year course in freshman Rhetoric, or its equivalent. Two credits (one evening a week); second semester. Ford.

3 (11). Exposition and Description. Analysis of specimens; short themes and fortnightly essays, with emphasis on planning and amplification. Informal exposition during the first half of the first semester, followed by description. Open to those who have completed the equivalent of Course 1-2 in college Composition and Rhetoric. Two credits (one evening a week); first semester.

4 (12). Narration. A continuation of Course 3. Open to those who have completed the equivalent of three half years of college Rhetoric. Two credits (one evening a week); second semester.

5 (41-42). A General Course in Public Speaking. The principles of analysis and organization. Extemporaneous speaking based on outlines. Study of model speeches. Attention is given to correctness and effectiveness in delivery. Open to ministers, lawyers, teachers, and others who are able to carry the work. Four credits (one evening a week); both semesters. Rarig.

6 (83). Advanced Public Speaking. The distinctive characteristics of oratorical style; analysis of the styles of representative orators. Written and extemporaneous speeches. Individual criticism and direction. Two credits (one evening a week); first semester. Rarig.

7 (110). Short-Story Writing. An advanced course in writing for those who have had experience in writing for publication or have had preliminary training in the technique of writing. Open for credit only to those who have had at least two years of college courses in writing or the equivalent. Four credits (one evening a week); both semesters. Thomas.

ROMANCE LANGUAGES

1 (1). Beginning French. Grammar, pronunciation, reading and practice in speaking. Open to all. Both semesters must be completed before credit is given for the first semester. Four credits (one evening a week); both semesters. Searles.

2 (3). Intermediate French Reading, Grammar, and Composition. French grammar review; readings from modern authors. Open to all who enter the University with two years of French. Both semesters must be completed before credit is given for the first semester. Four credits (one evening a week); both semesters. Barton.

3 (7-8). Elementary French Conversation and Composition. Four credits (one evening a week); both semesters. Prerequisite French 1. Frelin.

4 (31). Beginning Spanish. Grammar, pronunciation, reading, and practice in speaking. Open to all. Both semesters must be completed

before credit is given for the first semester. Four credits (one evening a week); both semesters. OLMSTED.

5 (35-1). INTERMEDIATE SPANISH (FIRST COURSE). Not given in 1918-19. This course is to alternate with Course 6 (35-2).

6 (35-2). INTERMEDIATE SPANISH (SECOND COURSE). Reading from modern authors. Grammar review. Composition work devoted chiefly to correspondence and commercial practice. Spanish will be as largely as possible the language of the classroom. Open to those who have had Spanish 5 (35-1) and to those who have had Spanish 4 (31) and are approved by the teacher. Four credits (one evening a week); both semesters. OLMSTED.

SCANDINAVIAN

1 (1-2). BEGINNING NORWEGIAN. Grammar, select reading in easy prose and poetry. Both semesters must be completed before credit is given for the first semester. Eight credits (two evenings a week); both semesters. BOTHNE.

2 (5). BEGINNING SWEDISH. Grammar, conversation, composition, modern texts. Open to all who have had no Swedish. Both semesters must be completed before credit is given for the first semester. Four credits (two evenings a week); first semester. STOMBERG.

SOCIOLOGY AND ANTHROPOLOGY

1 (113). THE AMERICAN PEOPLE I. Dominant characteristics of the diverse foreign peoples now in the United States; their modification in America; the importance of these peoples to the American nation. Lectures, reading, and essay. Two credits (one evening a week); first semester. JENKS.

2 (114). THE AMERICAN PEOPLE II. A continuation of Course 1. Essential and unique historical Americanisms, and their value and virility for the future; facts and forces of amalgamation and assimilation in America; America's ethnic problems. Lectures, readings, and essay. Two credits (one evening a week); second semester. JENKS.

ADDITIONAL COURSES

Many advanced courses not listed in this bulletin will be given upon the request of any responsible individual or group willing to organize a sufficiently large class to insure the success of the undertaking.

DEPARTMENT OF BUSINESS INSTRUCTION

The following courses are arranged with a view to meet the needs of those who desire special training for the higher business positions. Business is rapidly becoming a profession, or rather the business field is opening up several professions, among which are accountancy, banking and finance, advertising, and salesmanship. The University through its General Extension Division is attempting to afford a preparation for these professions, as it has long done for the profession of law, medicine, engineering, and the like.

The time appears to be approaching when it will be just as necessary for one to secure special training for business positions as it is now to secure training for the learned professions. It is recognized, too, that the rewards for those trained for the business professions are fully as great both financially and in a social way as they are for those trained for the so-called learned professions. Moreover, experience is proving that the very people whom the General Extension Division is reaching can, while being actively employed during the day, best comprehend and appreciate the kind of instruction the evening classes afford.

The subjects of instruction are divided into three groups of courses of study, viz: those aiding in the preparation for accountancy, those aiding in the preparation for banking, and those having for their object a general business training. In each of these courses certain fundamental subjects, such as business law, economics, and business English, are required. Upon the completion of one of these courses a University Certificate to that effect will be granted.

THE HERBERT C. PALIN ADVERTISING PRIZE

Mr. Herbert C. Palin of Los Angeles, California, has presented a silver loving cup to the advertising class. On this cup is to be inscribed each year the name of the student who, after taking a full year's course in advertising, submits the most constructive plan for an advertising campaign. The cup is to remain in the possession of the winner for one year.

FEES

The fee for these courses is $45 per year, payable $22.50 each semester, when registering for three subjects; or $30 per year, payable $15 per semester, when registering for two subjects. The fee for a single subject is $7.50 per semester. This does not include materials.

Special arrangements are made with organizations, clubs, and individual business concerns, whereby instruction may be given to groups of students within the organization at a sum which will somewhat reduce the individual rate per member.

COURSE IN ACCOUNTANCY

This course is designed to meet the needs of two classes of students, namely, those who wish to prepare to take the state C.P.A. examination with a view to becoming public accountants, and those who aim to fit themselves for responsible positions with private business firms.

For the student who wishes to pursue either object we recommend that he plan to take the regular course herein outlined and thus secure a broad foundation for his work.

Upon the satisfactory completion of this course, the University Certificate in Accountancy will be granted.

Beginning with the year 1917-18 the course requires a total of thirty credits, each one-semester subject counting for two credits. Each subject requires one two-hour class recitation per week for one semester of sixteen weeks.

In order to secure the University Certificate in Accountancy, fourteen credits in Accounting are necessary, including Principles of Accounting A, Principles of Accounting B, Accounting Laboratory A, Accounting Laboratory B, Accounting Practice and Procedure A, and Accounting Practice and Procedure B; six credits in Business Law including Business Law A and Business Law B; two credits in Economics, and two credits in Business English. The student may elect subjects to cover the remaining four credits.

Students of experience and some maturity may join the classes by registering as auditors, in case they do not care to secure credit for the course toward a certificate in Accountancy. These students will not be called upon to take part in the discussions nor to turn in work which is required of students registering for credit. In this way the University hopes to make available the benefits of the courses to those who feel they lack the opportunity or time to do the work regularly required in the course.

The following subjects are required for the course:

1. Principles of Accounting A (2)
2. Principles of Accounting B (2)
3. Accounting Laboratory A (2)
4. Accounting Laboratory B (2)
5. Accounting Practice and Procedure A (2)
6. Accounting Practice and Procedure B (2)
7. Auditing A (2) } elective
8. Auditing B (2) } elective
9. Cost Accounting (2) } elective
10. Business Law A (2)
11. Business Law B (2)
12. Business Law C, D or E (2)
13. Economics (2)
14. Business English (2)
15. Elective Subjects

COURSE IN BANKING AND FINANCE

This course is designed to meet the needs of two kinds of students: (1) those who are preparing for, or who are now engaged in, such financial callings as banking, corporation management, stock and bond brokerage, credit work, or financial journalism; and (2) business men who wish

to utilize in the upbuilding of their particular business all of the modern scientific knowledge of a practical financial nature.

University Certificate in Finance

Those students who wish to secure a thoro knowledge of finance, and an adequate knowledge of general business for a financial occupation, are urged to arrange their registration so as to obtain the Certificate in Finance as offered by the University.

Beginning with the year 1917-18 this certificate will be granted to those who complete a total of thirty credits distributed as follows:

Principles of Economics (2)
Banking Practice (2)
Investments and Speculation (2)
Corporation Finance (2)
Business English (2)
Principles of Accounting A (2)
Principles of Accounting B (2)
Business Law A (2)
Business Law B (2)
Business Law C or D (2)
Elective subjects (10)

The American Institute of Banking

The American Institute of Banking recognizes the evening courses of the General Extension Division at the University of Minnesota as fulfilling all the requirements of its educational department. Students who complete these courses in Finance are accredited by the Institute without further examination or formality.

By this arrangement, the members of the Minneapolis, St. Paul, and Duluth chapters of the American Institute of Banking may obtain the A. I. B. Certificate upon completion of Economics (2 credits), Banking (2 credits), and Business Law (4 credits).

The advanced courses in Finance coincide with the requirements of those who wish to receive the title of Associate from the Institute for postgraduate study.

GENERAL BUSINESS COURSE

For the benefit of those students who do not care to specialize in either accounting or in finance, yet wish to secure recognition as having completed a definite group of subjects, the following course is arranged. It is likely that certain of the subjects herein outlined will be more fully developed, and later, together with the fundamental subjects, form courses in themselves.

It is planned that each of these courses will furnish a preparation for a definite calling, such as advertising, salesmanship, and sales management, railroad traffic, and office management.

The University Certificate in General Business

Beginning with the year 1917-18 this certificate will be granted to those who successfully complete a total of thirty credits distributed as follows:

Business English (2)
Business Law A (2)
Business Law B (2)
Economics A (2)
Principles of Accounting A (2)
Principles of Accounting B (2)

Elective subjects (18)
(These electives should be selected with a view to specializing in some particular field, as in Advertising and Selling, in Railroad Traffic, and the like.)

DESCRIPTION OF SUBJECTS

ACCOUNTING

The various courses in Accounting are designed to subdivide the work in order that there may be proper sequence as well as to make possible sufficient emphasis on each phase of the subject. In the first year the subdivision is as follows: first, a series of lectures and discussions in the principles of accounting; and second, the putting of those principles to practical application by the working out of specific problems. Students not desiring to specialize in Accounting may elect to omit this latter course, i.e., Accounting Laboratory A and B, but all taking the laboratory courses are required to take the corresponding courses in Accounting Principles.

1. Principles of Accounting A. Fundamental classification of the balance sheet and operating accounts. The books and records primarily essential to disclose the data necessary for such balance sheets and operating accounts. Special discussions on the trading margin, operating expenses, etc. Various bookkeeping and accounting operations, such as accruals, deferred charges; special systems of handling accounting data, such as departmentization of accounts, imprest cash systems, the treatment of controlling accounts and auxiliary ledgers; preparation of simple working sheets and statements. Two credits (one evening a week); first semester.

2. Principles of Accounting B. Continuation of Principles of Accounting A with more special reference to manufacturing and corporation accounts; treatment of good-will and depreciation, accountant's working sheet; adjusting of surplus, sinking funds and reserve accounts; drafting condensed balance sheets and income statements. Two credits (one evening a week); second semester.

3. Accounting Laboratory A. The working out of practical problems covering the subject matter discussed in Principles of Accounting A, under the guidance of an instructor. One credit (one evening a week); first semester. Preston.

4. Accounting Laboratory B. Work of a similar kind covering the subject matter discussed in Principles of Accounting B. One credit (one evening a week); second semester. Preston.

5. Accounting Practice and Procedure A. An advanced course for the accounting student following the study of Accounting Principles. The object of the subject is twofold; first, to familiarize the student with the peculiar accounting problems of business; and, second, to afford the student the means to secure that necessary insight and skill which practicing accountants must possess in order to meet the demands made upon them. The subject matter is presented chiefly by means of a more or less exhaustive study of a representative business. The work consists of the following: (a) a study of the distinctive group of accounting problems which are likely to arise in a business organization through a series of years and the scientific solution of those problems; (b) a study of the accounting problems peculiar to representative business other than manufacturing and selling. The manner of presenting the subject is essentially practical, the students being required to work out for themselves problems similar to the ones studied. Two credits (one evening a week); first semester. Rotzel.

6. Accounting Practice and Procedure B. A continuation of Course 5. Two credits (one evening a week); second semester. Rotzel.

7. Cost Accounting. The elements of cost, i.e., prime cost and indirect expense or burden, kinds of cost accounting, continuous process and production order costs. The materials ledger. Methods of accounting for labor. Methods of distributing indirect or "overhead" expense. The machine rate method, and when applicable. Methods of compensating labor. Predetermined standard costs, and their relation to "scientific management." The cost ledger and its relation to the general ledger.

Modern industry demands that each plant be equipped with adequate accounting facilities for ascertaining the cost of operation. These costs are necessary to show, first, the profitableness of each branch of the industry so as to enable the management to push the profitable, and to drop the unprofitable, lines, or to place them upon a paying basis; second, the cost of each article as a basis of price making; third, so far as possible, the cost of each operation, so as to enable the management to plan economies in the operation of the plant. Two credits (one evening a week); first semester. Preston.

8. Auditing A. This course is essentially practical and is intended only for those whose previous training in the principles of accounting has been sufficient to enable them to be benefited by this advanced work. The chief aim will be to give students the training necessary to enable them to conduct audits and investigations either as private auditors

or public accountants; to set up accounts for various purposes as a result of such audits or investigations and to prepare suitable reports thereon. Two credits (one evening a week); first semester. ROTZEL.

9. AUDITING B. A continuation of Course 8. Two credits (one evening a week); second semester. ROTZEL.

BANKING AND FINANCE

21. BANKING. The documents created by transactions in goods; the function of a bank in aiding industry; the steps in organization of national or state banks; corporate powers, rights, and liabilities of stockholders and directors; bank administration and the various offices and departments; deposits, depositors, and receiving tellers; bank reserves and circulating notes; the clearing-house, handling country checks, and transit departments; collections; domestic exchanges; foreign exchange; discounts and collateral loans; credit department; how profits are made on government deposits, by note issue, in buying and selling exchange, by analysis of depositor's accounts; accounting methods and general balances; examination; supervision and reports; and bank policy from the analysis of local bank reports.

This course aims to explain the various functions of an up-to-date bank and to teach the methods by which its work is accomplished. A careful survey will be made of the economic basis, legal status, accounting methods, and financial problems of banking as carried on by large commercial institutions having a full complement of banking operations including city, country, and foreign business. The method of presentation comprises reading references, lectures, review questions, and use of the blackboard for all computations. Two credits (one evening a week); first semester. EBERSOLE.

22. MONEY AND CREDIT. The origin, evolution, and functions of money; the gold standard, forms of money current in the United States; government paper, bank notes, and deposit currency described and analyzed; credit and its effects; the causes of general price changes; various types of standards and currency systems including bimetallism and the gold exchange standard; discount rates, the problem of securing an elastic currency, and the distribution of the world's gold between the nations; the problem of securing an ideal money. Textbook and money-market articles in current newspapers will furnish material for discussion.

A thoro understanding of the character and functions of money and of the principles of credit is the cornerstone of modern business intelligence. This course in money and credit constitutes an interesting and scientific treatment of the forces that determine value and prices, of the processes of exchange, and of the many forms of media of payment represented by monetary and credit instruments. Two credits (one evening a week); second semester. EBERSOLE.

23 (145). Corporation Finance. The evolution of the private corporation and its relation to other business units; the organization of a corporation; charters and articles of association; directors and officers, manner of their selection, their functions and responsibilities; forms of corporation stocks and bonds and their respective legal and financial characteristics; the marketing of securities; capital and revenues; intangible values; books and accounts; dissolutions, consolidation, and reorganization; trust and holding companies; the taxing of corporations; corporation statistics; the preparation and analysis of corporation reports; the corporation before the law.

Modern business in all of its major forms is directed through corporate organization. The course in corporation finance is designed to give the student such a knowledge of corporations and their administration as to make clear the general organization of industry and commerce. Texts will be extensively supplemented by informal lectures, class discussions, and topical essays. Two credits (one evening a week); second semester. Ebersole.

24 (142). Investments and Speculation. Stocks, bonds, endowments, annuities, and other forms of investment considered with regard to their security, income, and opportunity for rise or fall in value. The social process of saving and investment; the investment fund; various classes of investments; the criteria of a good investment applied to government, corporation, and real estate loans; railroad, industrial, timber, and mining securities compared; the laws of investment values. Stock exchange operations; money market and other influences affecting prices; analysis of present fundamental conditions. The actual operations upon the stock and produce exchanges are used to illustrate the study of speculation, and the course of the markets and the bank rates is closely followed as a basis of deduction in the analysis of cause and effect. Textbook and interpretation of financial quotations and reports. Two credits (one evening a week); second semester. Ebersole.

BUSINESS LAW

Note: The subjoined courses in Business Law give credit toward a University degree only to those students who have earned six credits in Political Science or six in Economics or three in each. Students who have not met these prerequisites may, however, take these courses for credit toward one of the University Certificates in business. Specially qualified and mature extension students may petition for University credit.

31. Business Law A—Contracts and Agency. Contracts: Definition of a contract; offer and acceptance; special formality; consideration; capacity of parties; contractual powers of minors, of persons mentally deficient, and of married women; reality of consent, mistakes, misrepresentation, fraud, undue influence, legality of object; the operation of contracts; assignment of contracts; interpretation of contracts; methods of discharging contracts.

Agency: Methods of forming agencies; methods of terminating agency; the rights and obligations of principles, agents, and third parties. Text, lectures, and cases. Two credits (one evening a week); first semester. LOBB.

This course is fundamental and must be completed before registration will be accepted for other courses in business law.

32. BUSINESS LAW B—SALES AND NEGOTIABLE INSTRUMENTS. Sales: Sales of personal property; definition of a sale and its distinction from a bailment; when the title passes to the buyer; what title passes; rights of the seller (a) to set the contract aside on the ground of fraud, (b) to enforce lien for the purchase money, (c) to obtain stoppage in transit; rights of the purchaser (a) to demand goods of a certain quality, (b) to demand warranty of the purchaser's title.

Negotiable Instruments: Nature and characteristics: (a) definitions and characteristics, (b) uniform negotiable instrument law; form; (a) what a negotiable instrument must and must not contain, (b) non-essential, (c) effect of blanks and delivery; negotiation: (a) negotiation, indorsement, and delivery, (b) holder in due course and his rights; maker's and acceptor's contract: (a) maker's contract on a promissory note, (b) acceptor's contract on a bill of exchange, (c) presentment of a bill of exchange for acceptance; drawer's and indorser's contract: (a) drawer's contract on a bill of exchange, (b) indorser's contract on a bill or note, (c) presentment for payment, (d) notice of dishonor, (e) protest, (f) checks, (g) position of indorser after liability is fixed. Text, lectures, and cases.

Two credits (one evening a week); second semester. For those who have completed Course 31. LOBB.

33. BUSINESS LAW C—PARTNERSHIP AND CORPORATIONS. Partnerships: Formation of partnership; articles of co-partnership; methods of terminating partnerships; rights and obligations of partner (a) toward his co-partners, (b) as an agent of the firm, (c) toward the firm's creditors, (d) for an accounting; special partners; limited partnerships.

Joint Stock Companies: How distinguished from ordinary partnerships; how like ordinary partnerships; statutory requirements.

Corporations: Formation of corporations of various classes; terminations of corporations; membership in corporations, methods of transferring interest, fraudulent issuance of stock by corporate officers; rights of stockholders (a) to dividends, (b) to inspect and control corporate affairs; liabilities of stockholders (a) on stock subscriptions, (b) to pay assessments, (c) for the corporate debts; the doctrine of ultra vires; rights and obligations of corporate directors; corporate mergers and consolidations; domestic and foreign corporations. Text, lectures, case assignments, and class discussions.

For those who have completed Course 31. Two credits (one evening a week); first semester. VIESSELMAN.

34. Business Law D—Real Property, Mortgages, Bankruptcy. Real Property: Estates in land, estates held jointly or in common, equitable estates, relative rights of adjoining owners, trespass, easements, sales of real property, the contract to sell, conveyances, wills, mortgages, and liens; landlord and tenant, the lease, assignment and subletting, rent, and remedies for non-payment. Insolvency and bankruptcy. Two credits (one evening a week); second semester. Houck.

ECONOMICS AND COMMERCE

41 (1a). Elements of Economics. Utility and valuation; price and the laws of price as applied to competitive and monopolistic conditions; price and the cost of production; the factors of production; the law of diminishing returns; division of labor and its relation to the development of industry; the forces and factors involved in the concentration of industry, including the difference between the agricultural and the mechanical industries; wages, rent, interest, capitalization, enterprise, and business profits, finally, some attention is given to money, credit, banking, and international trade. Two credits (one evening a week); first semester.

This course aims to ground the student in principles that are basic in all economic discussions. The study naturally centers in value and the laws of valuation under the various applications.

42 (3a). Practical Economic Problems (Advanced Economics). Taxation—the tariff, general property tax, corporation taxes, income taxes; labor problems—unionism, trade agreements, strikes and lockouts, law in reference to labor unions, injunctions, employers' liability, workmen's compensation; railway problems—theory of rate-making, state and federal control; monopoly problems—economics of big business, intensive study of U. S. Steel Corporation, Sherman Anti-Trust Act, and important legal decisions relating to restraint of trade. Two credits (one evening a week); second semester.

The aim of this course is to study economic principles in their relation to some of the leading questions of to-day.

43. Principles of Business Management. Principles of organization showing comparative values and uses of line, staff, and combination types. Methods of saving time, money, and energy in the moving of work and materials. Making a scientific analysis of a particular operation, the operation of a department, and the operation of a plant. How to make use of the analysis in reducing waste time, energy, money, and material. Principles underlying the establishment and maintenance of the improved methods and conditions obtained by the above study. These principles include a method of determining upon proper and clearly defined policies and a study of their use and value; the necessity for and proper means of profiting by the experience of others. How to develop business judgment in yourself

and your subordinates. The principles governing executive control and the maintenance of discipline; discussion of methods of determining upon a wage scale and legitimate profits; the relation of physical condition to success, and its bearing upon production. Some principles underlying proper management of finances. The relation of home management to industrial and commercial efficiency; the organization and management of the sales department; training the salesman. The general problem of selection of help with a brief outline of a modern system of scientific selection and placement by a study of individual characteristics. No credit toward a degree (one evening a week); first semester. NEWCOMB.

51. ELEMENTARY ADVERTISING. This course is intended for those who desire sufficient knowledge of the elements of advertising to prepare reasonably satisfactory copy for newspapers, magazines, street car cards, circulars, and booklets. The fundamental elements of display, layout, headings, and copy are carefully outlined and the student is given practice in the preparation of advertisements.

This course is intended to acquaint the student with what may be called "the tools of advertising" before he undertakes either of the two advanced courses in the planning and preparation of advertising campaigns. No credit toward a degree (one evening a week); first semester. MARTIN, assisted by Miss CLEVELAND.

52. NATIONAL ADVERTISING. A study of advertising from a new angle. The student puts himself in the place of one having a product for sale, and from the first lesson to the last each lecture is so planned as to give the methods pursued in conducting the many different steps in an advertising campaign.

The student first analyzes the product from the standpoint of its advertisability. He considers the planning of a trademark, the organization of the sales force, the selling points, the prices, and the profits. He then thoroly analyzes the market, chooses the advertising mediums most adaptable to his particular campaign, and decides on the appropriation.

Students will be furnished with pamphlets for these lectures which will give reference to practically everything which has so far been published on subjects taken in the course. In this way the experience of probably three hundred of the leading advertising men of this country will be available to the student. No credit toward a degree (one evening a week); second semester. MARTIN, assisted by Miss CLEVELAND.

61. SALESMANSHIP. A course for insurance men, specialty men, traveling salesmen. Lectures and demonstrations on the principles underlying successful salesmanship, as follows: the proper approach; securing attention; arousing interest; creating desire; closing the sale; the

psychology of salesmanship; the use of suggestion in selling; the use of argument.

The chief feature of the work will be the demonstration sales. So far as possible each student will be given an opportunity to take part in a sufficient number of demonstrations that he may apply the principles laid out in the course. One evening a week; each semester.

71. Railway Traffic and Rates. The course covers the changed conditions under which the traffic of the country is now being handled. The railroads do not compete but are operated by the United States Railroad Administration. The orders, rules, and regulations of the Administration are studied and the lessons further embrace the practical application of the Act to Regulate Commerce and other laws and regulations; the correct compilation of tariffs; methods under which rates are published by other than the line over which they are applicable; the classifying of freight; classifications and their peculiar exceptions; the principal rate bases, such as all-rail, rail-and-lake, etc.; tariffs, rules and regulations governing domestic, export, and import traffic and the principal commodities; the routing and mis-routing of freight; various methods of loading and offering freight for shipment; tracing of freight; presentation and adjustment of claims; the cancellation, suspension, and restoration of rates and tariffs; "privileges" such as transit handling of grain, storage, diversion, etc.; rulings of the Interstate Commerce Commission are referred to in the lectures and rates are quoted from current tariffs and classifications. Four credits (one evening a week); both semesters. Kuempel.

ENGLISH AND SPANISH

Business English. Not a lecture course nor a dry, prosy study of technical English grammar and composition, but a new practical course designed for business men and women who recognize the value of a command of English for business and every-day writing and conversation. The main object of the course is to acquaint the student with the various types of business letters, reports, etc., and to teach him how to write and use them effectively. A secondary object of the course is to show students how training in expression—written or oral—is primarily training in thinking and analysis and hence is a very real stimulus to general business efficiency. The types of letter to be studied include complaint and answer, reminder, acknowledgment, recommendation, application, collection, form, follow-up, sales, inter-departmental, and composite. Students will be expected to write letters and take part in the weekly discussions of actual problems in business correspondence. No textbook is required. Typewritten synopses of lessons, furnished each week, provide the student with a cumulative text. Ability to write simple, grammatically correct English is a prerequisite to this course. No

credit toward a degree. One evening a week; first semester. Repeated second semester.

83. Public Speaking. For description see Department of Collegiate Instruction. One evening a week; both semesters. Rarig.

90. Spanish. For description see Department of Collegiate Instruction. One evening a week; both semesters.

DEPARTMENT OF ENGINEERING INSTRUCTION

The demand for men specially trained in engineering has been steadily increasing each year. Every branch of the profession has been calling for the services of trained men. By trained men is meant those who can plan work and use good engineering judgment in any given project.

President Woodrow Wilson emphasizes this when he says:

"My attention has lately been called in particular to the falling off in the number of engineering students and this has given me a good deal of concern, because it is not only immediately necessary that as many students as possible should prepare themselves for engineering duties in the Army and Navy, but it is also of the first consequence to the country that there should be an adequate supply of engineers for the period of reconstruction which must follow the war. Not only has technical training become of enormous importance in military operations, but the rôle of the engineer has become more and more important in every process of our industrial life."

To meet this demand the General Extension Division now offers groups of courses in Architecture, Civil Engineering, Electrical Engineering, and Mechanical Engineering. These course groups are arranged to be completed in either two- or three-year periods and are planned primarily for workers in industrial establishments.

The subject of engineering is one that requires very thoro study, and no step should be neglected. These courses have been laid out with great care, and are especially adapted to the needs of men working in shops and other industrial and manufacturing establishments, to the end that such men may have added to their practical training a technical and theoretical knowledge which will enable them to advance more rapidly in their chosen line of work.

It has been found that many persons register who can not take the work with any great profit to themselves because of inadequate preparation. For this reason it is desirable that students should consult with the Director of the General Extension Division before taking up any course, so that they may have proper guidance and direction.

Students who have had sufficient preparation need not start at the beginning, but may take up the work at the point where they can pursue it with advantage.

These courses also offer an opportunity to college graduates, who may wish to specialize in some subject not covered in their regular college work.

When the student completes any one of these consecutive courses, a certificate to that effect from the University of Minnesota will be given.

Each student will be required to take a course in "English for Engineers" before a certificate will be granted.

FEES

The fee for these courses is $45 per year, payable $22.50 each semester, when registering for three subjects; or $30 per year, payable $15 per semester, when registering for two subjects. The fee for a single subject is $7.50 per semester. This does not include materials.

Special arrangements are made with organizations, clubs, and individual business concerns, whereby instruction may be given to groups of students within the organization at a sum which will somewhat reduce the individual rate per member.

THREE-YEAR COURSE

The following courses, arranged to be completed in three years of two evenings a week, may also be finished in two years of three evenings a week. The work is divided into two semesters per year, and each semester of the engineering extension classes will be sixteen weeks long.

ARCHITECTURE

FIRST YEAR

First Semester	*Second Semester*
Elementary Architectural Design	Elementary Architectural Design

SECOND YEAR

First Semester	*Second Semester*
Intermediate Architectural Design	Intermediate Architectural Design
Shop Mathematics	Mechanics, Strength of Materials

THIRD YEAR

First Semester	*Second Semester*
Advanced Architectural Design	Advanced Architectural Design
Structural Design	Reinforced Concrete

If a class of twelve or more request it, the two following subjects may be taken during the first year:

Freehand Drawing	Architectural History

CIVIL ENGINEERING (For Office Men)

FIRST YEAR

First Semester	*Second Semester*
Shop Mathematics	Shop Mathematics—Advanced
Mechanical Drawing	Structural Drafting

SECOND YEAR

First Semester	*Second Semester*
Applied Mechanics	Strength of Materials
Elements of Structural Design	Structural Design—Advanced

THIRD YEAR

First Semester	*Second Semester*
Reinforced Concrete	Reinforced Concrete Design
Roof Trussed Bridges—Design	Bridge and Building Design

CIVIL ENGINEERING (For Field Men)

FIRST YEAR

First Semester	*Second Semester*
Shop Mathematics	Shop Mathematics—Advanced
Lettering and Sketching	Mapping

SECOND YEAR

First Semester	*Second Semester*
Plotting and Calculation	Stadia and Topographical Surveys
Plane Surveying	Curves and Earthwork

THIRD YEAR

First Semester	*Second Semester*
Highways	Railways
Municipal Engineering	Municipal Engineering

ELECTRICAL ENGINEERING

FIRST YEAR

First and Second Semesters

Shop Mathematics	Elementary Electricity

SECOND YEAR

First Semester	*Second Semester*
Alternating Currents	Alternating Currents
Mechanical Drawing	Mechanical Drawing
or	or
Applied Mechanics	Strength of Materials

THIRD YEAR

First Semester	*Second Semester*
Direct and Alternating	Central Power Stations
Current Machinery	or
or	Telephony
Telephony	Engine Testing
Steam Boilers and Engines	or
or	Electrical Measurements
Electrical Measurements	

Alternates in the third year will be given only every other year.

MECHANICAL ENGINEERING

FIRST YEAR

First Semester
Shop Mathematics
Mechanical Drawing

Second Semester
Shop Mathematics—Advanced
Mechanical Drawing

SECOND YEAR

First Semester
Applied Mechanics
Advanced Shop Work
or
Elementary Electricity

Second Semester
Strength of Materials
Heat Engines
or
Plumbing

THIRD YEAR

First Semester
Shop Management and Pattern Construction
or
Heat Engines
Heating and Ventilation
or
Mechanical Equipment of Buildings

Second Semester
Steam and Gas Laboratory
or
Central Stations
Alternating Currents
or
Elementary Machine Design

DESCRIPTION OF COURSES

1. Architectural History. Twelve lectures illustrated with lantern slides, covering the ancient and Renaissance periods. One evening a week; second semester. Forsythe.

2. Elementary Architectural Design. Shades and shadows and wash rendering. Architectural elements such as doors, windows, moldings, and the architectural orders; general drawing, exercises, and lectures in the application of these elements to simple problems in design and a survey course of lectures in architectural history illustrated by lantern slides. Open to high-school students who have had mechanical drawing, to those who have had one year or more in an architect's office, and to those who, in the opinion of the instructors, have had equivalent experience. Two evenings a week; both semesters. Monday and Thursday evenings, 7:30-9:30. Forsythe.

3. Intermediate Architectural Design. Regular Class B "Analytique" or Order Problems of the Society of Beaux Arts Architects, or equivalent designs in architectural problems from the regular course of the University of Minnesota. Open only to those who have completed Course 2, or who have had two years or more in an architect's office, or have had equivalent preparation in an architectural school. Two evenings a week; both semesters. Monday and Thursday evenings, 7:30-10:00. Fee, $5 a problem, or $10 a semester.

4. Advanced Architectural Design. Class B, Plan Problems, and Class A, Problems of the Society of Beaux Arts Architects, or equivalent design problems from the regular course in architecture at the University of Minnesota. Open only to those who have completed the required "Analytique" or Order Problems, or to those who have had one or more years of design in any architectural school. Two evenings a week; both semesters. Monday and Thursday evenings, 7:30-10:00. Fee, $5 a problem, or $10 a semester. Mann.

   Note.—Regular instruction will be given on Monday and Thursday evenings, but students in these classes may work in the drafting rooms of the architectural department on other evenings, except Sunday.

5. Freehand Drawing. Drawing from casts and from memory. Details of the figure and architectural ornament in charcoal, pencil, pen and ink. Two evenings a week; both semesters. Tuesday and Friday evenings, 7:30-9:30. Fee, $7.50 a semester. Forsythe.

6. Map Drawing. (a) Farm and city plats. (b) Real estate display maps. (c) Landscape architect's maps. (d) Topographic and hydrographic symbols. One evening a week; second semester. Zelner.

7. Lettering and Titles for Engineers. Principally freehand Reinhardt lettering. Title lay-outs and lettering. One evening a week; first semester. Zelner.

8. Plane Surveying. Elements of plane surveying relating to method of chain, compass, transit and stadia surveys; leveling; methods of keeping field notes; determination of area of irregular plots; computation and plotting of field notes; care, use, and adjustment of instruments; methods of subdivision of the United States public lands. One evening a week; first semester. Cutler.

9. Curves and Earthwork. Mathematics of simple, compound, and spiral curves; preliminary and location surveys; plotting or profiles; vertical curves; cross-sectioning and computation of earthwork volume; methods of computation of overhaul; mass diagram, right-of-way and station ground maps. One evening a week; second semester. Cutler.

10. Concrete Materials: Selection and Tests. This course will cover the selection of materials entering into concrete, their properties and the tests to be applied. A study will be made of the proper combinations to obtain the best mixtures for given constituent materials at the lowest cost. Local materials will be used and those pursuing the course will make their own specimens and perform all the tests. One evening a week; first semester. McMillan.

11. Reinforced Concrete. Covers the elements of the theory and practical design of reinforced concrete structures, including floors, roofs,

walls, columns, foundations, and retaining walls. One evening a week; both semesters. McMillan.

12. Structural Design. This course will include a treatment of structural mechanics and stress computation, and the elements of the principles and practice governing the design of tension and compression members, beams, girders, and columns. Prerequisite: An elementary working knowledge of mathematics through trigonometry, and some knowledge of elementary physics. One evening a week; both semesters. Maney.

13. Elementary Electricity. This course will start with the simple laws of magnetism, and advance through the theory of direct current machinery. Special attention will be given to direct current motors and generators, armature windings, commutators, and wiring diagrams. The course will be of value to those who wish to take up the study of alternating current machinery and power plants. Experiments will be made throughout the course. One evening a week; both semesters. Edwards.

14. Elements of Alternating Currents. An experimental study of alternating currents, including the modifications of Ohm's law to include effects of inductance and capacity, the fundamental principles of the impedence coil, transformer, generator, motor, telephone transmitter and receiver, and the like. One evening a week; both semesters. Turner.

15. Direct and Alternating Current Machinery. The operation and maintenance of direct and alternating current generators, motors, and electrical measuring instruments. A textbook by J. H. Morecroft will be used. One chapter will be taken each week, and a number of experiments will be made throughout the course. One evening a week; first semester. Ryan.

16. Power Station Electrical Apparatus. A study of the problems involved in the operation and maintenance of direct and alternating current generators and motors, switchboards, electrical measuring instruments, and storage batteries. This course is designed for men connected with central stations and isolated plants. One evening a week; second semester. Ryan.

17. Elements of Telephony. Nature of voice sounds, construction and operation of receivers and transmitters, reading blue-prints and circuits, magneto and central-energy circuits, the electro-magnet as used in telephony, batteries and other generating apparatus, signalling apparatus. Some previous knowledge of alternating currents is desirable, but not absolutely necessary. The treatment will be elementary, using only simple mathematics. Experimental illustrations will be given so far as practical. One evening a week; second semester. Shepardson.

18. Shop Mathematics. This course is designed to meet the needs of shopmen, and affords an opportunity to take up engineering work of a higher grade. Practical shop problems will be thoroly discussed. This course together with one in drafting is essential for all other engineering branches. It will cover the subject of fractions, decimals, percentage, weights of materials, areas and volumes, thread cutting, gearing, belts and pulleys, the milling machine, and a general drill in equations and the use of formulae. One evening a week; both semesters. Edwards.

19. Algebra. A thoro course in elementary algebra, including the fundamentals, factoring, law of exponents, simple, simultaneous and quadratic equations, square and cube root, and the general application of the subject to practical problems. One evening a week; both semesters. Edwards.

20. Geometry. A short course covering the first five books of plane geometry with numerous original exercises and theorems. One evening a week; both semesters.

21. Trigonometry. This course is designed for those who have had the subjects of algebra and geometry and wish to pursue civil engineering studies. The solution of right and oblique triangles will be thoroly discussed and practical plane surveying problems will be given special attention. One evening a week; both semesters. Edwards.

22. Elementary Applied Mechanics. A short, practical course in elementary mechanics designed to meet the needs of students who have had a limited training in mathematics. Numerical calculation, simple graphical calculations, forces, simple machines, work, power, and energy. One evening a week; first semester. Brooke.

23. Strength of Materials. An elementary course on the strength of materials, designed to follow the course in applied mechanics. The subjects to be treated are: the properties of materials, stress and strain, elastic and ultimate strength, deformations, principle of moments, moment of inertia, simple stresses, shear, riveted joints, the general elementary theory of beams, columns, and shafts. One evening a week; second semester. Brooke.

24. Testing of Materials. Investigation of the physical properties of various metals and other engineering materials, including the more common grades of commercial steels, wood, cement, concrete, ropes, cables, belting, chains, etc. Supplemented by lessons on the various materials of construction and standard methods of testing. One evening a week; first semester. Shoop.

25. Engine and Power Plant Testing. This course is intended for stationary engineers who wish to become more efficient in their line

of work. The course will consist of lessons supplemented by experimental demonstrations illustrative of certain portions of the work. Actual problems arising in power plant testing will be worked out in class with complete explanations and instruction for their solution. The laws of mechanics, heat, power, work, and energy will be applied to engine and power plant testing. One evening a week; first semester. SHOOP.

26. HEAT ENGINES. This is an elementary course required for all engineering students. It relates especially to the steam engine and boiler, the steam turbine, and the gas engine. Attention is given to the different types of engines, boilers, and gas engines. The general problem of a modern power plant is considered for the benefit of those who do not devote further time to the subject. One evening a week; both semesters. ALLEN.

27. PATTERN MAKING. A series of lessons on the theory and practice of pattern making. Open to mechanics and apprentices who are able to take the work with profit to themselves. A further course is offered to teachers who are now teaching manual training and desire to take up a more advanced branch of the work. This course can also be taken advantageously by those of mature years who wish to become teachers of manual training. One evening a week; first semester. RICHARDS.

28. PLUMBING. This course is designed to meet the needs of the practical shop man and will cover the principles of plumbing and the best practice in use at the present time. It is hoped that a standard text will be available. One evening a week; second semester. MARTENIS.

29. HEATING AND VENTILATING. The course will cover present heating and ventilating practice and is designed for heating contractors and others desirous of obtaining a fundamental knowledge of the subject. The plan of instruction includes a study of heat; methods employed for heating and ventilating buildings of various kinds; piping systems and temperature regulation. One evening a week; first semester. MARTENIS.

30. ELEMENTARY MECHANICAL DRAWING. This is a beginning course and includes the use of the drawing materials and instruments, lettering, drawing views, dimensioning, reading from blue-prints, making of machine and structural drawings, etc. The various steps are taken up in order and the amount of progress possible is largely dependent on the amount of outside time at the student's disposal. One evening a week; both semesters. FRENCH.

31. TEACHERS' COURSE IN MECHANICAL DRAWING. This is a special course offered to those who teach drawing in the grade and high schools and who wish to acquaint themselves better with standard drafting room practice. One evening a week; both semesters. FRENCH.

32. Mechanical Drawing for Women. This is a special course offered to women students preparing them to meet the recently increased demand for their services in drafting rooms on tracing work, drawing work, etc. This course will be in part similar to Course 30. One evening a week; both semesters. French.

33. Advanced Mechanical Drawing. A practical course in drafting and drafting room methods taking up the detail of machine parts as fastenings, screws, bolts, rivets, and rivet joints; keys, cotters and pins; pipe and pipe fastenings; bearings and journals, pulleys and belting; spur gears, bevel gears, and spiral gears; cams, link motions, etc.; the application of empirical design and the principles of mechanics; assembly, diagrammatic and layout drawings. It is assumed that the student has a previous knowledge of drawing equivalent to Course 30. One evening a week; both semesters. Rowley.

34. English for Engineers. A course in practical English, designed to meet the professional needs of engineering students. The material of this course will include business letters—about twelve types; reports; estimates; instructions, etc. Some attention will be given to oral English. The underlying purpose of this course is to acquaint the student with the various kinds of business letters, reports, etc., and to teach him how to prepare and use them effectively. A secondary purpose is to show the prospective engineer that training in expression—written or oral—is training in clear, straight thinking and hence is a real stimulus to general efficiency. Students will be expected to do a certain amount of writing and to take part in the weekly discussions of problems bearing upon the work of the course. Ability to write simple, grammatically correct English is a prerequisite to this course. One evening a week; both semesters. Nichols, Viets.

35. Calculus. A short course in calculus will be offered to those who have completed trigonometry. Stress will be laid upon the various derivatives and their application to tangents, normals, evolutes, involutes, envelopes, and maxima and minima. A few of the more important integrals relating to engineering will be given. This course is intended to give the student a working knowledge of calculus and the value it has in the engineering field. One evening a week; both semesters. Edwards.

36. Theory of Engineering. A general course given to those students who have had two years training in engineering work. This course includes the practical application of the fundamentals to engineering problems. Only students who have taken Courses 11, 12, 13, 14, 18, 21, 22, 23, 24, 31, are eligible. Kent's *Mechanical Engineers' Pocket Book* will be used as a text. One evening a week; both semesters. Edwards.

PROFESSIONAL COURSES IN LAW

The professional courses in law heretofore given by the law Faculty under the direction of the General Extension Division, will be suspended during the session 1918-19.

AGRICULTURAL EXTENSION DIVISION

For details relative to extension courses offered by the College of Agriculture, Forestry, and Home Economics, address the Agricultural Extension Division, University Farm, St. Paul.

OTHER BULLETINS

In addition to the present publication, the General Extension Division also issues the following:

Bulletin of Correspondence Courses

Bulletin of Extension Lectures and the University Lyceum

They will be sent free to any interested person upon request. All inquiries should be addressed to the

General Extension Division,
The University of Minnesota,
Minneapolis

BUSINESS CERTIFICATE HOLDERS OF 1917

On May 25, 1917, the following persons were granted University business certificates in the courses indicated:

Certificates in Accounting

Bayley, Charles S., Minneapolis
Cottor, Emil F., St. Paul
Davis, Charles A., Minneapolis
Haselbeck, Henry, St. Paul
Loberg, James M., Minneapolis
McHenry, Robert D., Minneapolis
Schwartz, Solomon, Minneapolis
Smith, Arthur V., Minneapolis
Wing, Llewellyn F., Minneapolis
Wood, George, Minneapolis

Certificates in General Business

Gruber, J. Jeffry, St. Paul
Kennedy, Thomas F., Minneapolis
Rose, Carrol H., Minneapolis

Certificates in Finance

Berry, Harry E., Minneapolis
Danielson, Andrew W., St. Paul
Johnson, Evan M., Minneapolis
Jones, Earl R., Minneapolis

CERTIFICATE HOLDERS OF 1918

On May 28, 1918, the following persons were granted University business certificates in the courses indicated:

Certificates in Accounting

Erblang, Alphonse A., St. Paul
Gustafson, Victoria, Minneapolis
Welliver, Le Roy, Minneapolis
Linnerooth, Sidney, St. Paul
Nimmerfroh, Gertrude, Minneapolis

Certificates in General Business

Corcoran, John J., St. Paul
Melamed, Louis, St. Paul
Schaffelke, Henry A., St. Paul

Certificates in Finance

Oberg, Ezra

In Absentia

Hauge, Arthur, Certificate in General Business
Shannon, Thomas, Certificate in Accounting

REGISTRATION 1917-1918

DEPARTMENT OF COLLEGIATE INSTRUCTION

MINNEAPOLIS

Abramovitz, Bertha, 912 14th Av. S.
Adsein, Thorlef, 3412 16th Av. S.
Allee, Anne M., 2437 14th Av. S.
Allen, Enid C., 1208 W. Franklin Av.
Allen, Frances, 2320 Newton Av. S.
Alley, Albert J., 2002 Lake of Isles Blvd.
Alseen, Clara, 1207 Oliver Av. N.
Alseen, Myrtle, 1207 Oliver Av. N.
Altermatt, E. H., 1228 S.E. 4th St.
Altnow, Olga, 907 S.E. 8th St.
Amidon, W. W., 718 40th Av. N.E.
Amonson, Maud, 1800 13th Av. S.
Amonson, Nettie, 1800 13th Av. S.
Andersen, Mabel, 4120 Aldrich Av. S.
Anderson, Bert G., 5038 Nokomis Av.
Anderson, Edith L., 3527 St. Paul Av.
Anderson, Esther K., Eitel Hospital
Anderson, Harold, 3147 Aldrich Av. S.
Anderson, Harry, 1081 11th Av. S.E.
Anderson, Herald, 1710 S.E. 4th St.
Anderson, Lillian, 3746 1st Av. S.
Anderson, Margaret, 290 Sherburne Av., St. Paul
Anderson, May, 735 Como Blvd., St. Paul
Anderson, Nora C., 2310 S. Emerson
Andrews, Bernice, 1710 Stevens
Andrews, Walter, 2111 E. Franklin Av.
Ankeny, Sara L., 2401 Clinton Av.
Annable, Mary J., Eitel Hospital
Apfeld, Josephine, 3032 Irving Av. S.
Archibald, R. W., 1112 S.E. 8th St.
Armstrong, J. C., 1907 W. 49th St.
Armstrong, Orie V., 3548 17th Av. S.
Armstrong, Orra F., 228 8th Av. N.E.
Ashton, W. H., 2176 Dayton Av., St. Paul
Aurand, Calvin, 425 S.E. Oak St.
Babcock, M. Vincent, 3824 1st Av. S.
Bacon, Eleanor J., 1310 S. 7th St.
Bailey, Alice W., 2891 James Av. S.
Baillie, Jean E., 3133 Hennepin Av.
Bain, Winifred, 1303 Yale Place
Baker, Janet, 1016 W. 28th St.
Baldwin, Grace, 515 E. 17th St.
Baldwyn, Louise V., 2219 Dupont Av. S.
Ballou, Stella, 712 S.E. 7th St.
Banter, Winifred, 2916 Emerson Av. S.
Barber, Stella B., 213 Curtis Court
Barnes, Bernice, 2008 Bryant Av. S.
Barney, Edith M., 2118 Cedar Av.
Barry, Florence M., 3133 Chicago Av.
Bartlett, Emily, 617 Beacon St. S.E.
Bastis, Gertrude, 2336 Hennepin Av.
Bauman, Herman E., 1725 Girard Av. N.
Bear, Walter S., 1912 Western Av.
Beaumont, Herbert, 2126 Carter Av., St. Paul
Beck, Eva L., 1322 S.E. 6th St.
Beck, Frieda, 200 S. 13th St.
Beicher, Edith, 3405 3d Av. S.
Beisner, Goldie M., 506 S.E. 7th St.
Bell, Jane E., 3435 2nd Av. S.
Bemis, J. B., 2039 Dayton Av., St. Paul
Bentley, Ruth, The Larchmount
Benton, Anne G., 2024 Queen Av. S.
Berg, R. D., 1557 Midway Parkway
Berg, Mrs. R. D., 1557 Midway Parkway
Berman, Edna, 1115 N. Bryant
Berry, Bernice, 137 E. Grant St.
Bettridge, J. C., 1210 Logan Av. N.
Bezanson, Ann L., 3432 Chicago Av.
Bills, L. W., 524 15th Av. S.E.
Birdsall, R. P., 17 Florence Court
Bisby, E. C., 2774 W. Lake of Isles Blvd.
Bisby, G. R., 2309 Priscilla Av., St. Paul
Bjerg, Hilge, 3144 20th Av. S.
Blakeley, Addie, 1522 Fremont Av. N.
Blodgett, Della H., 82 S. 12th St.
Bodens, Mrs. E. W., 75 Oak Grove St.
Boeke, G. F., 3800 5th Av. S.
Bouvier, A. P., 2913 17th Av. S.
Bowman, A. W., 88 Spruce Place
Boysen, Max C., 1025 6th Av. S.
Brandl, Robert B., 1070 Ashland Av., St. Paul
Brederson, Orphie, 2410 Oliver Av. S.
Brennan, J. H., 2002 S. 2nd St.
Brisley, Mary S., 4437 York Av. S.
Broback, Alfred, 2914 N. 4th St.
Brooks, Grace G., 802 W. Franklin Av.
Brown, Eliza K., 2412 Garfield Av.
Brown, Grace, 2010 Park Av.
Brown, Percy A., 1086 12th Av. S.E.
Buckle, Mrs. Laurel, 2024 Dupont Av. S.
Bucklin, Mrs. C. A., 201 Macalester Av., St. Paul

Budd, Clara, 16 Oak Grove St.
Buehler, J. E., 309 17th Av. S.E.
Bullard, Irma L., 3213 2nd Av. S.
Bullock, E. F., 525 11th Av. S.E.
Bullock, Adelle L., 2437 Aldrich Av. S.
Bunge, Amanda, 2109 Fremont Av.
Burbank, Elizabeth, 1800 3d Av. S.
Burke, J. W., 213 S.E. Beacon St.
Burkleo, Jane, 519 9th Av. S.E.
Bushnell, J. W., University Farm
Byrnes, Mary S., 325 Franklin Av.
Callahan, M. Ida, 2105 Bryant Av. S.
Campbell, Mildred, 700 E. 14th St.
Canadion, E. D., 914 17th Av. S.E.
Carey, Agnes F., 2604 Fremont Av. S.
Carlsten, Esther, 1612 Stevens Av.
Carney, Clara, 1305 Cleveland Av. N., St. Paul
Carpenter, Martha, 1915 2nd Av. S., Flat No. 4
Carroll, Catherine, 4055 Pleasant Av.
Carroll, Teresa, 4055 Pleasant Av.
Chaline, Edith, 2735 Garfield S.
Challman, Esther, 1600 1st Av. S.
Champlin, J. E., Y. M. C. A.
Chant, Sara E., 615 James Av. N.
Chapel, Winnie M., 1834 Irving Av. N.
Chapman, Margaret, 732 E. 16th St., Flat No. 3
Chapple, Dora E., 1430 Spruce Place
Cheeseman, R. R., 3626 2nd Av. S.
Chestnut, Mary L., 3208 Dupont Av. S.
Chisholm, Tryphena, 2109 Bryant Av. S.
Christensen, May J., 901 Minnehaha Av.
Christie, Blanche, 2906 Humboldt Av. N.
Clark, Gordon M., 230 S.E. Walnut St.
Clark, Lois, 721 S.E. 12th St.
Cleveland, Esther M., 3144 4th Av. S.
Clough, Lulu B., 425 12th Av. S.E.
Cloyes, Ella M., 1815 1st Av. S.
Cohen, J. G., 1203 Aldrich Av. N.
Cohen, Harry K., 1040 Irving Av. N.
Coleman, Gertrude, 1310 S.E. 6th St.
Collinson, J. D., Hampshire Arms
Connell, Florence H., 2826 Girard Av. N.
Connolly, J. A., 380 Roy St., St. Paul
Conroy, Mary H., 620 E. Franklin Av.
Cook, Elizabeth, 1311 Yale Place
Copeland, Genevieve, 425 12th Av. S.E.
Corbett, C. E., 2416 Bloomington Av. S.
Coulter, M. Etta, 1310 Lowry Av. N.
Coveny, Marie T., 2441 Harriet Av.
Cox, Ethel J., 1117 S.E. 8th St.
Craig, Hugh, 323 S.E. 5th St.
Cramer, Isabel M., 1019 University Av. S.E.
Crane, Jennie C., 3040 Humboldt Av. S.
Crane, Wilma, 125 W. Grant St.
Crawford, Katherine, 2517 Blaisdell Av.
Crawford, Myrtle, 1612 Stevens Av.
Crickmer, Nolie, 2826 Girard Av. N.
Croasdale, Inez S., 1805 2nd Av. S.
Crocker, Katherine, 2517 Blaisdell Av.
Crockett, Clara S., 2512 Hennepin Av. N.
Cross, Martha A., 2103 2nd Av. S.
Cross, Norton M., 2103 2nd Av. S.
Cushing, Frances N., 3121 Dupont Av. S.
Dahlquist, H. A., 3637 Columbus Av. S.
Daniels, Elizabeth, 3304 Elliot Av.
Daum, Augusta, 1819 Elliot Av.
Davies, L. Lucile, 1515 Vine Place
Davis, Anna J., 3932 Elliot Av.
Day, Charlotte E., 2121 Hennepin Av.
Dealey, W. L., 1489 W. Minnehaha Av., St. Paul
Denery, Delia E., St. Mary's Hospital
Densmore, Lydia M., 2105 Bryant Av S.
Devany, Anne, 3707 Park Av.
Devereux, Margaret, 1004 19th Av. S.E.
Devine, Katherine, 51 N. 15th St.
De Wanz, Helene, 1818 Bryant Av. N.
Dickson, J. S., 4913 Girard Av.
Dixon, Mayme, 814 26th Av. N.E.
Donaldson, Eleanor, 2707 Humboldt S.
Donaldson, Evelyn, 400 S.E. 6th St.
Dooling, W. J., 25 N.E. Main St.
Drohan, Gertrude, 2716 Portland Av.
Dungan, Minnie W., 4644 Vincent Av. S.
Dunkley, B., 917 26th Av. N.
Dunnigan, Agnes, St. Mary's Hospital
Duryea, Marbry, 2923 Vincent Av. N.
Dusschee, Hilda, 2308 Bryant Av. S.
Dwyer, John, 2947 Oliver Av. N.
Dwyer, Vivian, 600 S.E. Washington St.
Dyar, Edna, 2417 Dupont Av. S.
Eastby, Ada B., 205 W. 15th St.
Eaton, Ella D., Hotel Waverly
Eckert, Dorothy, 4100 Chicago Av.
Edgerton, Bessie, 2919 Girard Av. N.
Edwall, Esther J., 625 E. 14th St.
Eisenmenger, Viola, 967 Hudson Av., St. Paul
Eitel, Mrs. Jeanette, Eitel Hospital
Ellertson, Oscar, 417 S.E. Oak St.
Ellertson, Selma F., 417 S.E. Oak St.
Elliott, Bertha, 1819 Lyndale Av.
Emery, Rhoda J., 700 Ottawa Av., St. Paul

Emmel, Dorcas P., 2521 Dupont Av. S.
Emmett, Edna E., 56 Arthur Av. S.E.
Enquist, F. E., 3215 Pillsbury Av. S.
Erb, Nellie M., 1415 Dupont Av. N.
Erickson, Beda, 3010 Grand Av. N.
Ericson, Axel, 498 University Av.
Estes, Ada L., 1316 S.E. 7th St.
Estes, Florence A., 212 E. 36th St.
Evans, Mrs. A. G., 3308 48th Av. S.
Fahy, Grace M., 2117 Dupont Av. N.
Farbstein, D. H., 622 Fremont Av. N.
Featherstone, Harriet, 3156 1st Av. S.
Feeney, G. T., 1091 18th Av. S.E.
Fenton, Blanche D., 417 11th Av. S.E.
Fetterby, Anna M., 2740 Cedar Av.
Fields, Nellie M., 2873 Irving Av. S.
Finger, C. S., 1206 S.E. 5th St.
Folsom, Louise M., 3240 Oakland Av.
Forbes, J. B., 17 Seymour Av. S.E.
Foss, Ludvig, 2713 S. 8th St.
Foster, W. K., 652 S.E. Erie St.
Foster, Mrs. W. K., 652 S.E. Erie St.
Foster, Ada L., 2433 Colfax Av. S.
Fowler, Caroline, Hotel Waverly
Freeman, Eva I., 3247 Stevens Av.
Frizzell, Marie A., 3304 Elliott Av.
Froehlick, P. A., 720 Cedar St., St. Paul
Frost, Harriet, 2613 Bryant Av. S.
Frost, Jerome S., 2613 Bryant Av. S.
Galland, Mrs. Belle, 4042 Linden Hills Blvd.
Gamelgard, Mabel, 2421 Elliott Av.
Ganstad, Ella, 417 S.E. Delaware St.
Ganzer, Gertrude, 1612 Stevens Av.
Gardner, Ethel, 1481 Ashland Av., St. Paul
Gardner, Marie, 1150 15th Av. S.E.
Gaus, Ottelie J., 2915 W. 44th St.
Gavin, Ethel, 424 S.E. 5th St.
Gebhardt, Ida, 3641 Blaisdell Av.
Geussenhainer, Eleanor, Minn. School of Business
Ghostley, Mabel G., 4001 Pleasant Av.
Gibbs, Anna F., 1816 Fremont Av. N.
Gilbert, O. W.
Gilles, Laura, 221 University Av. N.E.
Ginsberg, Annie, 1744 Laurel Av., St. Paul
Gish, Bessie K., 3145 Irving Av. S.
Gleason, Ellen, 2505 Emerson Av. N.
Goertz, Suzanne, Eitel Hospital
Goldstein, Louis, 743 Ashland Av., St. Paul
Grabow, Olga, 519 9th Av. S.E.
Graham, C. H., 3041 Emerson Av. S.
Graham, Hugh, St. Thomas College, St. Paul
Grandy, Eleanor, 1606 Emerson Av. N.
Graves, Alice M., 407 S.E. 4th St.
Graves, Mrs. R. A., 1816 19th Av. N.
Grefthen, Olaf, 4650 Colfax Av. N.
Grimm, Marguerite A., 322 13th Av. S.E.
Grohndorff, Leonore, 2806 Humboldt Av. N.
Guggisberg, Clare, 1827 Bryant Av. N.
Guha, Dr. U. N., Norwegian Lutheran Hospital
Guinotte, Marguerite, 2411 Fremont Av. S.
Gunthorp, Horace, 1011 4th Av. S.E.
Haffa, Mrs. Jennie, 1822 Portland Av.
Hage, Lillian C., 2201 Bryant Av. S.
Hage, Maud, 2201 Bryant Av. S.
Hainer, Gertrude, 2623 1st Av. S.
Halbert, Lucy E., 4939 Girard Av. S.
Hall, Gertie, 716 5th Av. S.E.
Halser, Miss S. E., 2100 Bryant Av. S.
Hama, Ione, Eitel Hospital
Hamblin, Gladys, 2001 Aldrich Av. S.
Hammer, Sophia, 2310 Lyndale S.
Hamp, Charles H., 1103 16th Av. S.E.
Hanbold, Elsie, 1827 Bryant Av. N.
Haney, Elizabeth, 4437 Washburn Av.
Hankey, Clara B., 1431 Adams St.
Hanley, Mary, 334 N. Fairview Av., St. Paul
Hansen, Charles R., 2124 Ann Arbor St., St. Paul
Hansen, Meta, 1522 Fremont Av.
Hanson, Gertrude, Berkeley Hotel
Hanson, Pearl V., Eitel Hospital
Harding, Gertrude P., 732 E. 16th St., Flat No. 3
Hart, Mabel R., 2643 Lyndale Av. S.
Harvey, Paul A., 1009 University Av.
Hassett, Roger, 1531 S.E. 74th St.
Hatz, R., 1710 Stevens Av.
Haven, Kittie, 3145 Stevens Av.
Hawkes, Gertrude A., Excelsior, Minn.
Hawkins, Catherine, 1523 Fremont Av. N.
Hawkinson, Alida, 1051 15th Av. S.E.
Hawn, Kathryn, 628 8th Av. S.
Hays, Ada S., 3356 Park Av.
Hazleton, Lydia, 4013 Sheridan Av. S.
Hecker, Alma, 3753 2nd Av. S.
Hefferman, Susan, 2633 Humboldt Av. S.
Hegel, Edith, 1310 S. 7th St.
Heimburger, H. V., 1602 Van Buren St.
Heinsolm, William E., 409 S. 6th St.
Helm, C. B., 3144 Bryant Av. S.
Helm, Alice S., 3144 Bryant Av. S.
Helmick, Caroline, 1014 13th Av. S.E.
Hemenway, John, St. Thomas College, St. Paul

Hemphill, A. D., 1842 N.E. Jackson St.
Henegren, Marie, 4946 Garfield Av. S.
Henry, Alice A., 1618 Girard Av. N.
Herbert, Mary O., 1618 Girard Av. N.
Herdeg, R. W., 1605 W. Minnehaha Av., St. Paul
Higgins, T. J., 1800 University Av. S.E.
Hildebrandt, Janet, 323 S.E. Church St.
Hildebrandt, Ruth A., 323 S.E. Church St.
Hill, Esther, 2520 Oakland Av.
Hill, Ethel A., 4209 Colfax Av. S.
Himmelman, Louis, 1600 Linden Av. N.
Hines, Velma, 1819 Lyndale Av. S.
Hird, Lillian, 44th and Grimes Av. W.
Hitchcock, Elizabeth, 1502 Chicago Av.
Hobart, G. H., Jr., 358 Curtis Court
Hobart, Mrs. G. H., 358 Curtis Court
Hobbs, Evelyn, 501 Lincoln Av., St. Paul
Hoeborn, Elizabeth, 679 Lincoln Av., St. Paul
Hoff, Magda M., 12 S.E. State St.
Holden, Margaret, St. Barnabas Hospital
Holtz, Mathilde E., 2112 Portland Av.
Holtzerman, Louis, 608 7th Av. S.
Hood, Leone B., 1612 Stevens Av.
Horner, Lilian A., 4205 Park Av.
Hoskin, Alice B., 3816 1st Av. S.
Houck, Margaret, 703 S.E. Delaware St.
Howard, Ethel, Eitel Hospital
Howard, Margaret, 3429 Columbus Av.
Hoy, V. Grace, 2701 1st Av. S.
Hoyt, Jane M., 162 Stevens Av.
Hubbard, Gladys, 2204 Grand Av.
Hudson, G. L., 4048 Lake Harriet Blvd.
Hughes, Lenore, 2011 W. Franklin Av.
Hull, Mabel B., St. Louis Park High School
Hullcrantz, Elsie M., 2153 Scudder St., St. Paul
Hunter, Eva M., 2530 Emerson Av.
Hurlburt, Frances, 3541 17th Av. S.
Ingold, Mrs. P. M., 2523 Bryant Av. S.
Ingraham, Florence, 26 Oak Grove St.
Irgens, Ingolf, 3908 26th Av. S.
Irle, Maude, 1684 Dayton Av., St. Paul
Jacobson, Elizabeth, 2638 Fremont Av. N.
Jacobson, Ruth A., 2535 Elliott Av.
Jaeger, Ruth, 615 James Av. N.
Jaffa, Goldie, 704 Dupont Av. N.
Jameson, May, 1600 1st Av. S.
Jaquish, Bess, 1430 Spruce Place
Jeter, Jane, 3104 Lyndale Av. S.
Johnson, Alfrida, 3132 30th Av. S.
Johnson, Dora, Curtis Court
Johnson, Edward, 3817 11th Av. S.
Johnson, Emma L., 1800 1st Av. S.
Johnson, Helen F., 2635 Colfax Av. N.
Johnson, Lael, 510 12th Av. S.E.
Johnson, Nancy L., 3016 Bryant Av. S.
Johnson, Rae, 631 E. 18th St.
Johnson, Stewart W., 3116 10th Av. S.
Johnson, Will R., 4525 York Av. S.
Johnstone, Harriet, 815 S.E. 6th St.
Johnstone, Jane, 815 S.E. 4th St.
Jones, Addie, 3936 Grand Av.
Jones, Gwen M., 1013 Park Av.
Jones, Hallie E., 1918 Roblyn Av., St. Paul
Jones, Ruth J., 1600 1st Av. S.
Jordan, Helen, 1400 W. 25th St.
Joyner, Mary, 131 E. 14th St., Apt. No. 13
Juell, Nils, 2924 Fremont Av. N.
Jurgenson, Anna, 1522 Fremont Av. N.
Kearney, Norman, 1910 2nd Av.
Keating, Anna B., 3128 Irving Av. S.
Kehne, Elizabeth, 780 Curfew Av., St. Paul
Kelley, Evie F., 3129 Portland Av.
Kellett, Josie, 1425 Vine Place
Kelly, Mary C., 131 Oak Grove St.
Kennedy, Cecelia, 1421 Lyndale Av. N.
Kennedy, Kathryn, 610 S.E. 6th St.
Kent, M. A., 3116 Stevens Av.
Kercher, Alice, 707 New York Life Bldg.
Kerr, Maude M., 1821 9th Av. S.
Keyes, Leonard, 621 S.E. 7th St.
King, J. D., 1716 S.E. 4th St.
King, Grace E., 3136 Humboldt Av. S.
King, Mary, The Rosslyn
Kirk, Reneé J., 1512 Harmon Place
Knapp, Maude, 1611 Emerson Av. N.
Kneubuhl, Emily R., 1712 Dupont Av.
Knight, Bessie P., Curtis Court
Kocourek, F., 736 S.E. Superior St.
Koehler, Elsa I., 508 University Av. S.E.
Koenig, A. E., 602 S.E. 7th St.
Koenig, Myra, 602 S.E. 7th St.
Krishef, J. L., 1012 Bryant Av. N.
Kriskey, Imogen, 1680 Hennepin Av.
Krogstadt, Marie, 4336 Aldrich Av. S.
Kuehn, Henry E., 1831 Irving Av. N.
Kuhlmann, Elsa, 4421 Upton Av. S.
Kvam, Julien A., 1029 S.E. 4th St.
Kynaston, Ethyl, 813 Elwood Av.
Lackersteen, Wynne, 610 S.E. 5th St.
Ladner, Emily, 2112 Garfield Av.
La Du, Mrs. Blanche, 1067 17th Av. S.E.

Lambert, Mrs. E. M., 1086 12th Av. S.E.
Lane, Bessie, 417 11th Av. S.E.
Langvick, Clara, 1501 Linden Av. N.
Langvick, Emma, 1302 E. 18th St.
Larson, Alvin H., 1206 S.E. 5th St.
Larson, Beatrice, 303 Wash. Av. S.E.
Larson, Vera E., 3105 E. 25th St.
Larsen, Vilhelm, 3010 20th Av. S.
Lawrence, Clara F., 4234 Garfield Av.
Leahy, Alice M., 713 E. 14th St.
Leavitt, Madeline, 2109 Bryant Av. S.
Lee, E. J., 333 Wilder Av., St. Paul
Lee, Bessie M., 312 19th Av. S.E.
Leitzman, Lorraine, 406 20th Av. S.
Lembeck, Anna, 2915 W. 44th St.
Lennon, Mary M., 221 N.E. 2nd St.
Leonard, H. J., 2130 Lyndale Av. N.
Leonard, Josephine M., 1176 Curtis Court
Lewis, Luisa K., 3304 48th Av. S.
Liedl, Rose M., 716 S.E. 6th St.
Lien, Clara, 3025 James Av. S.
Lilienfield, Anne, 1315 S. 7th St.
Lillegren, Demaris E., 4118 Nicollet Av.
Linehan, P. J., 2201 N.E. Grand St.
Linne, Award, 409 S.E. Oak St.
Livermore, H. J., 352 Bates Av. N., St. Paul
McAndrews, Byda, Hastings Hotel
McAuliffe, Gertrude, 303 Curtis Court
McAuliffe, Kate, 1512 Harmon Place
McCall, Bessie A., 3044 Harriet Av.
McCall, Florence, 3114 18th Av. S.
McCann, Alice L., 321 N. Newton
McClellan, Fred, 2016 Kenwood Pky.
McConnell, Daisie C., 3035 Oakland Av.
McCormack, Katherine, 2001 Aldrich Av. S.
McCue, Elizabeth, 1207 S.E. 5th St.
McDonald, H., 1112 16th Av.
McDonald, William H., 4123 N.E. 5th St.
McGregor, Lulie, 502 W. Franklin Av.
McGuane, Anna, 2817 Colfax Av. S.
McHugh, Mayoma, 1234 Oliver Av. N.
McInervey, J. J., 700 Monroe St.
McIntyre, M. R., 1710 Stevens Av.
McIntyre, Alice M., 4410 Lake Harriet Blvd.
McKinley, J. C., 2423 Irving Av. S.
McKnight, Lucile, 617 14th Av. S.E.
McLachlan, Katherine M., 2010 Park Av.
McLaughlin, S. Agnes, 4300 Lyndale Av. S.
McLaughlin, Josephine A., 4300 Lyndale Av. S.
McLean, Alice, 1551 Hillside Av.
McPherson, Gertrude K., 4325 Grimes Av.
McShane, Catherine, 835 Holly Av., St. Paul
MacMullan, Kathryn V., 2817 Colfax Av. S.
Madden, Adeline, 2612 Chicago Av.
Madison, Mamie L., 2420 Harriet Av.
Madsen, Leo H., 1320 S.E. 7th St.
Maguire, Helen, The Angus Hotel, St. Paul
Malmsten, Agnes, 2117 Western Av.
Malmsten, Edith, 2117 Western Av.
Malmsten, Julia C., 2117 Western Av.
Maleitzka, W. C., 1142 Lyndale Av. N.
Manley, Marjorie, 3236 Holmes Av.
Manlove, Marjorie, 1614 Girard Av. N.
Marsh, Olive V., 4939 Girard Av. N.
Martell, Ned A., 316 12th Av. S.E.
Martin, John H., 311 7th Av. S.E.
Martin, Leo H., 3309 University Av. S.E.
Martin, Mary L., 320 Jackson St.
Mathes, Mr. A. C., 1601 S.E. 7th St.
Mathes, Mrs. A. C., 1601 S.E. 7th St.
Mattand, J. N., 3524 Stevens Av.
Mead, C. H., The Rosslyn Apts.
Meason, Georgina, 1208 W. Franklin Av.
Meek, Mabel, 1777 Colfax Av. S.
Meeker, Mary K., 2548 Clinton Av.
Melamed, Louis, Corning - Firestone Agcy., St. Paul
Mendow, H. Z., 921 14th Av. S.
Miao, Yun tai, 1127 S.E. 4th St.
Miley, Grace L., 2306 17th Av. S.
Millar, Pearl, 3124 Bryant Av. S.
Miller, O. H., 3345 2nd Av. S.
Miller, Bessie P., 707 Summit Av.
Miller, Charles J., 2909 Irving Av. S.
Miller, Helen, 3212 Irving Av. S.
Miller, Jane S., 1873 Marshall Av., St. Paul
Milne, C. P., 1921 Colfax Av. S.
Mo, Einar, 701 15th Av. S.E.
Molan, Kathleen, 3523 Garfield Av.
Montgomery, Minnie, 1416 Portland.
Mooney, Edward, 105 S.E. Warwick St.
Moorman, Lucile, 108 E. 15th St., Apt. No. 25.
Morrison, V. E., 1015 Mary Place
Morse, Anna J., 1420 Portland Av., Apt. No. 32
Mozzara, Adeline, 3539 Harriet Av.
Mullins, Ella, 1916 2nd Av. S.
Murphy, J. F., 514 7th Av. S.E.
Murphy, Mrs. J. F., 514 7th Av. S.E.
Murphy, Sylvester, 114 Thomas Av. N.
Murray, Agnes R., 2445 Aldrich Av. S.

Muth, Mrs. Edna, 137 E. Grant
Myhre, Aimer W., 2310 Penn Av. N.
Nelson, F. C., 1300 Central Av.
Nelson, Albert F., 2753 Colfax S.
Nelson, Dorothea, 2605 E. 22nd St.
Nemire, Emma M., 524 12th Av. S.E.
Nessel, M. E., 1704 Park Av.
Neubauer, August, 1206 5th St. S.E.
Neumeier, C. J., 3820 Garfield Av.
Newell, Bernice, 3505 Portland Av.
Newell, Bertha, 3104 James Av. S.
Newell, Margaret, 1116 S.E. 5th St.
Newell, Margaret M., 1219 S.E. 4th St.
Newton, Elizabeth, 1229 Selby Av., St. Paul
Noosinow, Lillian, 524 Emerson Av. N.
Nordenson, D. H., 4240 12th Av. S.
Norrgard, E. F., St. Louis Park
Norris, Edgar H., 5031 Colfax Av. S.
North, J. M., 2724 Chicago Av.
Nye, Ellen S., 1801 4th Av. S.
Nyland, Ed, 779 Dayton Av., St. Paul
Nyquist, Ann S., St. Barnabas Hospital
O'Brien, Michael, 3633 4th Av. S.
Ochs, Minnie K., 51 Melbourne Av. S.E.
O'Connor, J. L., 1711 University Av. S.E.
O'Dell, Thomas E., 4728 27th Av. S.
Ohman, Arthur, 1429 S. 8th St.
Olsen, Christian M., 1712 19th Av. N.
Olson, P. L., 217 S.E. Walnut St.
Olson, Carrie, 2232 N. E. Lincoln St.
Olson, Edward A., 2710 S. 9th St.
Olson, Edward J., 162 Emerald S.E.
Olson, Margaret, Eitel Hospital
Olson, Mina, 1253 Lafond
Orr, Loretta M., 2500 Emerson Av. N.
Pahl, William A., Y. M. C. A.
Palffy, Louis, 1817 Washington Av. S.
Patch, Alice S., 972 Curtis Court
Patchen, George A., 1811 1st Av. S.
Pattison, Edith S., 2646 Fremont Av. N.
Paulsen, Lillian, 2317 Humboldt Av. S.
Paulson, Arthur C., 525 11th Av. S.E.
Peabody, E. S., 325 Wilder Av., St. Paul
Pearson, Belle S., 408 W. Lake St.
Pease, Vinnie, 303 Washington Av. S.E.
Peck, Dr. A. E., 1912 Emerson Av. S.
Peck, Anna M., 1912 Emerson Av. S.
Peck, Helene D., 576 N. Lexington, St. Paul
Peck, Jean F., 576 N. Lexington Av., St. Paul
Perine, Mrs. E. G., 517 9th Av. S.E.
Perkins, Alfred, 1780 Wakefield, St. Paul
Perkins, Marrion, 1612 Stevens Av.
Peterson, A. R., 2705 Colfax Av. S.
Peterson, Caroline, 3924 Pillsbury Av.
Pfleiderer, H. T., 2917 Harriet Av.
Phelps, Aura, 719 5th Av. S.E.
Phillips, Anna, 1808 Stevens Av.
Phillips, Bertha, 51 N. 15th St.
Phillips, Bertha I., 3120 James Av. S.
Plummer, Bel, 1111 Hawthorne Av.
Poehler, Harriet, 2433 Garfield S.
Polacek, Florence L., 907 S.E. 8th St.
Polley, Jessie M., 4748 Chicago Av.
Pool, Zada, 2810 15th Av. S.
Porter, Mrs. H. W., 121 11th St.
Porterfield, Doris, 620 13th Av. S.E.
Postlethwaite, B. K., 4910 Emerson Av. S.
Powell, Mrs. Mary A., Hotel Berkeley
Pratt, Agnes A., Washburn Home
Prindeville, Helen, 1801 1st Av. S.
Prushek, Emil, Y. M. C. A.
Purcell, Abby, 1013 Park Av.
Putnam, Mary P., 1615 Girard Av.
Pybus, Emma M., 608 E. 15th St.
Raab, Frank, 12 Barton Av. S.E.
Radaatz, Agnes, 1800 1st Av. S.
Radusch, Dorothea, 721 S.E. Erie St.
Radusch, Minna, 721 S.E. Erie St.
Raymond, F. A., 419 S. 9th St.
Randall, Ada M., Hopkins, Minn.
Randall, Grace A., 3110 S.E. 4th St.
Ranny, Laura M., 614 E. 22nd St.
Rasmussen, Rasmus C., 2010 Minnehaha Av.
Records, Mrs. Elizabeth, 101 W. 48th St.
Reed, Katherine, St. Barnabas Hospital
Reed, Margaret, 2204 Grand Av.
Regan, Grace H., The Leamington
Reid, Mary D., 604 11th Av. S.E.
Reque, A. D., 307 W. 15th St.
Reque, Marie, 307 W. 15th St.
Reynolds, G. W., 3811 10th Av. S.
Reynolds, Gertrude M., 3811 10th Av. S.
Rhame, R. D., 209 S.E. State St.
Rhame, W. S., 209 S.E. State St.
Rhame, Mrs. W. S., 209 S.E. State St.
Rheberg, Rachel, 2220 Oakland Av. S.
Richards, Nellie, 4244 Linden Hills Blvd.
Richey, Edmund, 1419 5th Av. S.
Rise, Mathilde, 825 4th Av. S.
Ritze, Bertha, 1805 2nd Av. S.
Rizer, Mrs. R. I., 610 S.E. 5th St.
Robinson, Harriet M., 2720 Elliot Av. S.
Rodde, Elsa, 1312 17th Av. N.
Rogers, Edna M., The Antlers

Rogers, Fay, 1206 18th Av. N.
Rogers, Herman C., 2009 Portland Av.
Rollins, Carl, 3130 Emerson Av. S.
Rood, Mary B., 116 Oak Grove St.
Roundy, Ann L., 4657 Colfax Av. S.
Rowe, Ina B., 2116 Como Av. W.
Rowell, Ora M., 2217 Fremont Av. N.
Rudoy, Edith, 915 14th Av. S.
Rush, Clara, 1723 Elliot Av.
Rush, Mrs. Samuel, 5800 Portland Av.
Russell, Clara H., 1306 Portland Av.
Russell, Clementine R., 1306 Portland Av.
Rutledge, Elizabeth, 3435 2nd Av. S.
Ryan, W. T., 1827 Melbourne Av.
Ryan, Mrs. W. T., 1827 Melbourne Av.
Ryberg, Anna B., Bethel Academy, St. Paul
Rydell, Edmund, 2114 Dupont Av. N.
Rynder, Ethel, 364 King St.
Saam, Selma L., 3100 Elliott Av.
St. Amant, Rudolph C., 2736 4th Av. S.
Sanborn, G. B., 4342 Pleasant Av.
Sanford, Esther, 1901 Park Av.
Sauer, Laura M., Eitel Hospital
Scales, Kate M., 2300 Nicollet Av.
Scherer, Lydia, 34 21st Av. S.
Schoening, Ida, 2109 Fremont Av. S.
Schoonover, G. C., 202 E. Franklin Av.
Schoonover, Mrs. G. C., 202 E. Franklin Av.
Schussler, Emma W., 2722 Bloomington Av.
Schussler, Rose A., 2722 Bloomington Av.
Schwartzbach, Merriam S., 612 Girard Av. N.
Scott, Alice, 3032 Dupont Av. S.
Scroggins, M. E., 3130 Emerson Av. S.
Sederholm, Oscar J., 2308 28th Av. S.
Seeleman, Rosamond, 306 N.E. Quincy St.
Seeley, Edna, 1306 S.E. 7th St.
Seeley, Jennie L., 1916 2nd Av. S.
Seipel, Raymond, 1120 S.E. 8th St.
Sellhorn, Minnie D., 1612 Stevens Av.
Sengir, Barbara, 912 6th Av. S.
Sessions, Orie A., 707 Summit Av.
Seward, Minnie M., 1317 2nd Av. S.
Seward, Sarah, 206 W. 27th St.
Seyller, Blanche L., Berkeley Hotel.
Sharbach, Ward J., 3544 Oakland Av.
Shea, Ray L., St. Cloud, Minn.
Shelley, Clarence, 409 4th Av. S.E.
Shephard, Adelene V., 2411 Oliver Av. S.
Sherin, Mabel, The Antlers.
Sherman, Mrs. V. C., 2209 Humboldt Av. S.
Sikes, Lena A., 2107 James Av. N.
Simon, Clara J., 1065 Van Slyke Av., St. Paul.
Simon, Ellen M., 1065 Van Slyke Av., St. Paul.
Simpson, Jean, 2124 Girard Av. S.
Slattengren, Hattie, Murray School, St. Paul.
Smilowitch, D. J., 1203 S. 7th St.
Smith, Cleora F., 1816 Stevens Av., Flat No. 2.
Smith, Eva, 1915 Aldrich Av.
Smith, Fred G., 1704 Humboldt Av. S.
Smith, Herschel H., 2604 Clinton Av.
Smith, Irene A., 3125 16th Av. S.
Smith, Lois A., 816 S.E. Beacon St.
Smith, Loretta L., 2186 Dayton Av., St. Paul.
Smith, Louise P., 3827 W. Lake St.
Smith, Lyle L., 1853 Iglehart Av., St. Paul.
Smith, Marguerite M., 2600 5th Av. S.
Smith, Ora K., 3312 3rd Av. S.
Snyder, Marion L., 600 11th Av. S.E.
Snyder, Mary, Webster School.
Solien, Tilla, 226 S.E. Harvard St.
Sowle, F. B., 228 W. 27th St.
Speake, Weltha, Hotel Waverly.
Sprague, D. W., 517 8th Av. S.E.
Stanchfield, F. E., 1110 13th Av. S.E.
Stanchfield, Lois, Curtis Court.
Stanchfield, Steele S., 1110 13th Av. S.E.
Stanton, Alta Loren, 827 S.E. 6th St.
Stark, Inez A., 4716 Oakland Av.
Stark, Marcus P., 4716 Oakland Av.
Steen, J. H. A., 225 Nelson Av., Flat No. 7.
Steffens, Leon A., 621 Oak Av., St. Paul.
Stephens, Maude M., 2217 Scudder Av., St. Paul.
Stevens, Benj. A., 1280 Raymond Av., St. Paul.
Stewart Alex W., 4416 Thomas Av. S.
Stoker, Ruth M., 2619 Dupont Av. N.
Stothard, C. F., 6 E. 26th St.
Stover, Zelma E., 4003 Blaisdell Av.
Straka, George, 621 Ontario St. S.E.
Strate, Nettie M., 3032 Colfax Av. S.
Stromme, Minnie, 1013 13th Av.
Strong, Harvey W., 502 2nd Av. S.E.
Stultz, Laura R., 926 Hudson Av.
Sugarman, N. J., 50 Highland Av.
Sullivan, Margaret.
Sumner, Bernice, 2806 Humboldt Av. N.
Swanson, E. E., 3932 18th Av. S.
Swennes, Agnes E., 813 E. 22nd St.

Swenson, Egbert, 714 S.E. Delaware St.
Tanke, Ruth L., 1501 Linden Av.
Taylor, Sarah E., Ogden Apartments.
Taylor, Susan E., Ogden Apartments.
Telfair, Nellie M., 2444 Chicago Av.
Thomas, Gertrude, 417 S.E. Delaware St.
Thomas, Le Roy, 1206 S.E. 6th St.
Thomas, Lucy Agatha, 2105 Bryant Av. S.
Thomas, Miriam E., 2640 16th Av. S.
Thompson, Ella May, St. Barnabas Hospital.
Thompson, Mildred, 2724 1st Av. S.
Thorpe, Ilene, 1612 Stevens Av.
Tifft, Lowell, Glencoe, Minn.
Tilden, Josephine E., 2235 Como Av. N.
Tilden, Rose E., 52 S. 10th St.
Tinkham, Bertha L., 1915 2nd Av. S., Flat 4.
Tolson, Edgar, 856 Albemarle St., St. Paul.
Tomlinson, Bessie A., 3115 13th Av. S.
Toncheff, Stanil, 1529 S.E. 4th St.
Trainor, Teresa, 1712 Portland Av.
Underwood, Elizabeth, 2620 Hennepin Av.
Van Camp, Kate, 405 S.E. Oak St.
Vance, Katherine, Fairmont Apartments.
Van Kleek, Maude, Curtis Court.
Van Solen, E. E., 2518 Emerson Av S.
Vievering, William, 2360 Hampden Av., St. Paul.
Vincent, Jean, 1303 Yale Place.
Voight, Alfreda, 26 Oak Grove St.
Vreeman, Anton, 322 13th Ave. S.E.
Waalen, Carl A., 326 Flour Exchange.
Wade, Henry H.
Waiste, L. B., 4717 Washburn S.
Waite, Beatrice M., 1786 Hennepin Av., Apartment No. 3.
Wallace, J. G., 3916 Lyndale Av. S.
Walquist, Ann, 2528 Elliott Av.
Walsh, Leo J., 2155 Selby Av., St. Paul.
Walsh, W. C., 503 15th Av. S.E.
Wambold, Clara T., 904 W. Franklin Av.
Wanrich, Gertrude, 1801 University Av.
Ward, Susan, 4410 Lake Harriet Blvd.
Warner, Mrs. G., Angus Hotel, St. Paul.
Warner, Elizabeth S., 910 21st Av. S.E.
Warwick, Margaret, 1516 S.E. 7th St.
Watkins, Leona, 2818 Fremont Av. N.
Watson, Louise H., 3133 Fremont Av. S.
Watts, Effie E., 2410 Pierce St.
Weatherhead, Louesa, Williamson Hall.
Weaver, G. A., 3037 Columbus Av. S.
Webster, J. F., 3036 Oakland Av.
Wedin, A. E., 4147 Dupont Av. N.
Welch, Esther, 76 S. 12th St.
Welles, Nancy, 2873 Irving Av. S.
Welliver, L. R., 163 S.E. Bedford St.
Werket, Inga, 2204 Grand Av.
Wesner, F. E., 217 S.E. Walnut St.
Wetherbee, F. C., 311 S.E. Walnut St.
Wheeler, Eva G., 70 S. 12th St.
White, Helen, 1316 S.E. 7th St.
Wichman, A. H., 731 E. 28th St.
Wicklund, Evelyn, 920 Oliver Av. N.
Wicklund, Hazel E., 920 Oliver Av. N.
Wilkirson, Sarah, 1908 Hennepin Av.
Williams, Maude, 2010 Park Av.
Willinger, A. J., 2216 Clinton Av.
Willis, Bessie E., 1213 12th Av. N.
Wind, Kate, Linden Hills Station.
Wittlin, Julia C., Tuttle School.
Wohlgemuth, Anne, Hamilton School.
Wolean, Alma, 200 S.E. Harvard St.
Wolfe, Beatrice G., 714 S. 10th St.
Wolfe, Vera, 2317 Buchanan St.
Wood, Adelia, 3341 2nd Av. S.
Woodruff, Pearl E., 1208 W. Franklin.
Woodward, Agnes Y., 2222 Dupont Av N
Woodward, M. Myrtle, Pillsbury School
Wright, Ralph C., 512 Newton Av. N.
Yankoski, Frances E., 2344 S. Aldrich Av.
Yerxa, Clifford M., 608 S.E. 7th St.
Young, Marie L., 2420 Elliott Av.
Young, Walter, 143 S.E. Bedford St.
Zierold, Arthur A., 4219 Colfax Av. S.
Zimmerman, Sarah, 1614 Stevens Av.

ST. PAUL

Angell, Fred J., 605 Ottawa Av.
Barnard, Helen E., 117 N. Victoria St.
Bassford, M. Hannah, 441 Iglehart Av.
Betow, Herman F., St. Paul Milling Co.
Binet, Lucia M., 1870 Laurel Place.
Binet, Mae H., 1870 Laurel Place.
Birnberg, Margaret, 654 Hall Av.
Birnberg, Rose, 654 Hall Av.
Biskup, Frances, 667 Woodbury St.
Blake, Frances E., 2413 Bayless Av.
Blandin, A. A., 655 Portland Av.
Borden, Gertrude, 2026 Laurel Av.
Borup, Sophie C., 723 Portland Av.
Bradish, Anna, 353 Carroll Av.
Bragg, Goldye, 320 3rd Av.
Brash, Jean, 42 E. Piedmont Apartmn. set

Bray, Josephine E., 2299 Long Av.
Brennan, Margaret S., 760 Carroll Av.
Brennan, Mary F., 760 Carroll Av.
Brennan, Rebecca, 243 Grove St.
Broderick, May, 1076 Lincoln Av.
Brokaw, Frederic, 1805 Carroll Av.
Buckley, Margaret, 873 Fairmount Av.
Burns, Catharine, 999 Portland Av.
Burns, Elizabeth, 999 Portland Av.
Burns, Maria, 999 Portland Av.
Byrne, Katherine M., 1336 Dayton Av.
Callahan, Elizabeth, 72 E. George St.
Cameron, Mrs. W. A., 829 Tuscarora Av.
Carroll, Kathleen G., 44 W Delos St.
Carson, Wm. James, City and County Hospital.
Caulfield, Mary G., 774 Laurel Av.
Chamberton, Sherman R., 702 E. 7th St.
Clark, Keith, 1470 Wesley Av.
Colberg, Ruth M., 1220 Burr St.
Collins, Elizabeth, The Seville, Flat 7.
Collins, Frances M., 815 Ashland Av.
Converse, Lula, 231 Arundel.
Cooper, Margaret, 1144 Ashland Av.
Corcoran, John J., 667 Como Blvd.
Corteau, Stella, 742 St. Peter St.
Cox, L. C., 1701 Capitol Av.
Daily, Gertrude B., 1901 Goodrich Av.
Daily, Frances, 1901 Goodrich Av.
Daley, Mary E., 77 Sherburne Av.
Davis, Esther Jean, 1671 Ashland Av.
Dempsey, Helen, 875 Aurora Av.
Dilley, Antoinette, 954 Selby Av.
Dimond, Winifred, 624 Ashland Av.
Dolan, Agnes J., 2169 Goodrich Av.
Dolan, Charles, 985 Matilda Av.
Dougherty, Theresa C., 1071 Portland Av.
Doyle, Mary C., 327 Carroll Av.
Duncan, Marion, 147 River St.
Dunlap, Morris O., 530 Capitol Blvd.
Dunn, Teresa M., 331 Geranium St.
Early, Alice B., 724 Hudson Av.
Edwards, Annie, 423 Laurel Av.
Edwards, Fannie C., 1890 Marshall Av.
Egan, Anastasia, 872 Hague Av.
Egan, Margaret, 969 Manvel St.
Elfstrom, Roy J., 895 Keany St.
Emery, Marion Grace, 93 Kent St., Apartment No. 8.
Enright, Verne, 231 Arundel St.
Faricy, James R., 202 Aurora Av.
Farley, Mary B., 269 Selby Av.
Feeney, Agnes E., 583 Lincoln Av.
Felsted, Jessie M., 1996 Carroll Av.
Fichtenan, Florence, 731 Butternut Av.
Fitzgerald, Margaret, 1687 Berkeley Av.
Foote, Elizabeth, 1632 Blair St.
Fosnes, Edith, 749 Lowry Bldg.
Foster, J. Maude, 574 Selby Av.
Francis, Chas. C., 1769 St. Anthony.
Franke, Wilhelmine, 220 Fairview.
Franzen, Helvine A., 53, The Piedmont.
Frederick, B. Gladys, 389 Dayton Av.
Froberg, Marie, 1907 Lincoln Av.
Froelich, Paul A., 720 Cedar St.
Fulton, Louise A., 97 Kent St.
Gallup, Nellie M., 591 Ashland Av.
Gaughan, Katherine, 301 Dayton Av.
Gaughan, Sarah, 301 Dayton Av.
Gearing, Maude P., 9 W. Delos.
Geraghty, Bridget, 308 Como Av.
Gill, Mary, 818 Ashland Av.
Ginsberg, Daisy, 1744 Laurel Av.
Gorman, Mary G., 217 N. St. Albans.
Gottlieb, Mathew M., 515 Ashland Av.
Grace, Lillian M., 335 Iglehart Av.
Grant, Mary, 648 Brown Av.
Greene, M. Susan, 806 Holly Av.
Gries, Stella M., 237 Arundel St.
Griffin, John F., 232½ Western Av. S.
Gundlach, Caroline, 846 Fairmount Av.
Gundlach, Lucy, 846 Fairmount Av.
Haan, Ora B., 225 Arundel St. Flat No. 3.
Haggard, Laura A., 679 Lincoln Av.
Hand, Richardine, 591 Ashland Av.
Hanson, C. A., 2675 University Av.
Hartman, Ben H., 282 W. Central Av.
Heal, Pearl A., 1462 Capitol Av.
Heyd, Nellie C., 742 Laurel Av.
Hickman, J. H. Jr., 526½ W. Central Av.
Hinners, Gertrude, 1850 Summit Av.
Holland, Mary D., 724 Holly Av.
Holmes, Margaret, 1156 Summit Av.
Horeish, John H., 17 Wilkin St.
Hough, Bertha F., 238 Nelson Av.
Hull, Harriet Belva, 703 Grand Av.
Hurley, Anne, 723 Dayton Av.
Hyde, Alice, 308 Winifred St.
Jefferson, Jennie V., 705 Manomen Av.
Jensen, J. R., 476 Laurel Av.
Johnson, Alice May, 233 4th Av. N.
Johnson, Ida A., 177 Nelson Av.
Johnson, Lydia, 433 Carroll Av.
Johnson, Mathilde J., 540 Capitol Blvd.
Kamman, Ira S., 128½ Eaton Av.
Katzmarek, John E., Y. M. C. A.
Kearney, Hazel G., 131 E. Colorado St.
Kelley, Agnes P., 274 Dayton Av.
Kelley, Elizabeth, No. 3 Hillcrest Apts.
Kelley, Everett, Y. M. C. A.
Kernkamp, Ella, Central School, South St. Paul.
Kilroy, Anna I., 1144 Hague Av.

Kinsey, Helen M., 207 E. Page St.
Koch, Wm. C., 759 Holly Av.
Koeneman, Clara, 594 Marshall Av.
Kroeger, Louise, 399 Ashland Av.
Krokauer, Rose, 682 Holly Av.
Kuehne, Bertha F., 402 Dayton Av.
Lamb, Jane Ellen, 1169 Ashland Av.
Larpenteur, Ethel, 737 Hudson Av.
Larson, Helen I., 541 Rondo St.
Leavitt, F. A., 633 Dayton Av.
Linehan, Lenore, 147 Summit Av.
Logue, Mrs. W. J., 885 Dayton Av.
Luckert, Margaretta, 472 Iglehart Av.
McCann, Elizabeth, 1461 Wynne St.
McCauley, Anna M., 681 Holly Av.
McCauley, Clara J., 1083 Hague Av.
McCleary, Nellie M., 801 Goodrich Av.
McClellan, Mary F., 88 Kent St.
McCormack, Elizabeth, 632 St. Peter St.
McGriffin, Catherine, 1845 Iglehart Av.
McGuire, Alice, 538 Dayton Av.
McGuire, Helen B., 769 Marshall Av.
McGuire, Margaret, 769 Marshall Av.
McGuire, Mary, 769 Marshall Av.
McKee, E. F., 1872 Dayton Av.
McKellar, Walter A., 224 W. Linden St.
McNally, Genevieve, 293 Nelson Av.
McTigue, Howard F., 630 Ashland Av.
McVay, Mary, 1988 Princeton.
McVay, Secundella, 1988 Princeton.
MacKnight, Mary V., 355 St. Anthony Av.
MacLeod, Mrs. A., 634 Iglehart Av.
Mahoney, Margaret, 2170 Marshall Av.
Mann, Helen S., 766 Iglehart Av.
Mathews, Josephine, St. Francis Hotel.
Maxwell, Olive L., 569 Oakland Av.
Melamed, Louis, 867 Iglehart Av.
Metcalf, Mrs. Ruth, 1621 Ashland Av.
Meyer, Hattie, 528 Marshall Av.
Miller, Jane S., 1873 Marshall Av.
Miller, Myrtle, Central School, South St. Paul.
Minter, Esther, 892 Hague Av.
Mitchell, Maude, 696 Grand Av.
Mohan, Sarah, 118 Western Av.
Monnia, I. A., 306 Rondo St.
Morice, Agnes M., 950 Arkwright St.
Morrisey, Winifred, 133 5th Av. N., South St. Paul.
Mulcare, F. D., 106 E. Acker St.
Murphy, Etta, 873 Laurel Av.
Murray, Albert S., 1242 W. Minnehaha St.
Nahinsky, David, 275 E. 13th St.
Neal, W. E., 2131 Dayton Av.
Neill, Adelaide, 118 Western Av.
Nelson, Florence, 1877 Beech St.
Newton, Elizabeth, 1229 Selby Av.
Newton, Millicent, 1043 Goodrich Av.
Newton, Muriel, 1807 Wordsworth Av.
Niedorf, Katherine, Crowley School.
Niedorf, Lillian K., 237 St. Albans.
Oace, Sophie, 662 Rondo St.
O'Brien, Frances, 583 St. Peter St.
O'Brien, Minnie M., The Seville.
O'Hair, Grace, 806 Holly Av.
Ohr, Winifred, 556 Ashland Av.
Olsen, Carolyn, 271 Selby Av.
Owens, Belle M., Public Library.
Parks, Mabel A., 617 Elfelt St.
Patterson, Georgie L., 61 St. Albans.
Paulson, Lillian, 925 Albemarle St.
Pearce, Mary E., 733 Grand Av.
Pearson, Katie, 185 Concord St.
Pewter, Winifred C., 973 Manvel St.
Pliefke, Oda, 601 Burgess St.
Poirier, J. A., 2882 Humboldt Av S., Minneapolis.
Powers, Florence, 2029 Grand Av.
Prendergast, Katherine, 408 Ashland Av.
Price, Mary A., 1937 Ashland Av.
Prout, Sadie, 1555 Goodrich Av.
Reidenger, Leone, 1037 4th Av.
Richter, Florence L., 755 Ohio St.
Rittle, Katherine, 2101 Princeton Av.
Rohrer, Mertie, 766 Iglehart Av.
Rosenholtz, Jennie, 819 Portland Av.
Rouse, Evangeline, 2413 Territorial Road.
Routh, Margaret, 537 Holly Av.
Roverud, Ella M., 643 Laurel Av.
Rowles, May, 1958 Selby Av.
Rush, Alice G., 1087 Gorman Av.
Russell, Irene, 1615 Hague Av.
Ryan, Helen C., 1144 Ashland Av.
Rydner, Ethel, 639 King St.
Sanders, Grace, 710 Ashland Av.
Sather, George L., 701 York St.
Scanlan, Susan, 1072 Minnehaha.
Schroeder, Marie, 717 York St.
Scott, Edith, No. 7, The Seville.
Sexton, K., 695 Carroll Av.
Sexton, Mary J., 790 Dayton Av.
Seymour, Mary B., 1794 Carroll Av.
Shepard, A. S., 23 E. 6th St.
Sherlock, Minnie S., 1795 Hague Av.
Simmonds, Edith F., 1079 Goodrich Av.
Sinclair, Gertrude, 20 N. St. Albans.
Sinclair, Susan, 1072 E. Minnehaha.
Sladek, Jerome C., 649 Delaware Av.
Sliney, Ellen, 736 Holly Av.
Small, Hazel, 137 4th Av. N.
Smalley, Flora M., 897 Marshall Av.
Smith, Mrs. C. R., 494 Ashland Av.
Smith, C. Grace, 20 W. Congress.

Springer, Frances, 526 Canada St.
Stapleton, Julia M., 102 Western Av. N.
Stern, Dr. G. M., 1265 Como Blvd.
Stern, Marie, 1265 Como Blvd.
Stewart, Beth M., 387 Stryker Av.
Stoven, Adolph C., 676 Stryker Av.
Sullivan, Hanna, 1074 Lombard Av.
Swain, Mary C., 787 Osceola Av.
Swanstrom, M. M., 805 Hague Av.
Talbot, Georgina, 770 Selby Av.
Tallman, Corrine, 1168 Ashland Av.
Tallman, Kate E., 476 Laurel Av.
Taylor, Mary E., 130 E. Delos St.
Timme, Cora H., 1148 Orange St.
Tonsley, Sarah E., 659 S. Robert St.
Tschida, Katherine, 307 N. Dale St.
Tucker, Florence, 766 Iglehart Av.
Vestrom, Mabel, 334 4th Av. S., Minneapolis
Upell, Agnes, 690 St. Peter St., Apt. 7.
Wharton, Beulah, Gen'l Del., St. Paul.
Wind, Kate, 315 N. Snelling Av.
Wiprud, Agnes, 849 Cromwell Av.
Yost, L., 60 W. Summit Av.

DULUTH

Allensworth, C. L., 319 Y. M. C. A.
Anderson, Hilma M., 922 11th Av. E.
Bartling, Emma, 510-B.-W. 2nd.
Bell, Pearl, 316 9th Av. E.
Bell, Phoebe, 111 Park Terrace.
Bickley, Ethel M., 313 2nd Av. W.
Brand, Anna R., 203 Commonwealth Av.
Brooks, La Vange, 1417 E. 3rd St.
Casey, Kathleen, 931 E. 3rd St.
Crowley, Jane M., 115 E. 3rd St.
Duclett, Betsy N., 1020 E. 6th St.
Flaherty, Belle, 227 W. 3rd St.
Fuller, Frances O., 403 E. 2nd St.
Gage, Leslie, 1524 E. 4th St.
Giles, Edna, 5333 E. Wyoming St.
Grant, Anna, 1007 E. 7th St.
Helweg, C. A., 1930 E. 4th st.
Hicken, Estelle, 4627 Cooke St.
Hilder, Bertha, 2 Chester Terrace
Hoover, Harriet M., 119 E. Victoria St.
House, Harold G., 201 W. Faribault St.
House, Susan M., 201 W. Faribault St.
Joyce, Isabel Rice, 104 S. 16th Av. E.
Kristensen, Edith, 106 W. Orange St.
Kunerth, Mrs. Ethel M., 111 Park Terrace
Long, Ruth C., 403 E. 2nd St.
MacIntyre, Evelyn, 429 E. 2nd St.
MacQuat, Frances M., 1227 E. 3d St.
Meehan, Katherine, 329 5th av. W.
Meinhardt, Anna W., 1531 E. 4th St.
Meinhardt, Lillian, 1531 E. 4th St.
Niswander, Charlotte, 831 11th Av. E.
Nortrup, Anna C., 203 E. 3rd.
Onsgard, Allie B., 517 S. 71st Av. W.
Peterson, Anna C., 1330 W. 5th St.
Phillips, Margaret, 4 Waldorf Apts.
Rowley, Edith M., 421 W. 3d St., Flat F.
Schmidt, Irene E., 1415 E. 3d St.
Sellhorn, Bertha M., 203 E. 3d St.
Sidenberg, Emma, 1228 E. 1st St.
Sinion, Clara, 422 E. 3d St.
Smith, Frances E., 224 5th av. E.
Wilkinson, Dr. Stella, 405 New Jersey Bldg.
Woodward, Laura J., 4617 Cooke St.
Yager, Minnie, 220 2nd Av. E.

RED WING

Anderson, J. V.
Arthur, Jessie G., Dakota St.
Aubrey, Effie C., 431 4th St.
Boog, Jno. J., 712 East Av.
Bryan, Mrs. E. C., 716 Central Av.
Busch, Regina, 426 7th St.
Crawford, Ruth, West Av.
Cremer, Dorothy E., 906 W. 4th St.
Featherstone, Edithe, 720 Central Av.
Featherstone, Ora M., 1527 N. 4th.
Graham, Helen O., 625 W. 5th St.
Hawkins, Florence N., 427 4th St.
Hoyt, Hazel F., 300 Hill St.
Johnson, Effie S., 117 8th St.
Jorgenson, Louise, 428 6th St.
McGuiggan, Catherine
Meyer, L. V., Kingman Hill.
Middlemass, W. S., 529 6th St.
Middlemass, Mrs. W. S., 529 6th St.
Neely, Ora, 448 8th St.
Nelson, Edna C., 121 4th St.
Nelson, Elizabeth O., 4th St.
Remshardt, Mollie, 452 5th St.
Rose, Laurence C., 710 College Av.
Rucker, C. W., Central Av.
Sargent, Ralph, 718 East Av.
Smith, Dr. M. W., 724 East Av.
Smith, Grace G., 724 East Av.
Theri, John N.
Thomas, Marie E., 710 W. 4th St.
Wiggen, Charlotte A., 822 Main St.

DEPARTMENT OF BUSINESS INSTRUCTION

MINNEAPOLIS

Abrahamson, Agnes, 3100 47th Av. S.
Abrahamson, Ellen, Nurses' Home, City Hospital
Addy, W. C., 4924 Pleasant Av.
Agnew, Mary, 3301 Aldrich Av. S.
Alberg, Albert, 824 27th Av. N.E.
Albinson, Paul, 1718 11th Av. S.
Alm, Robert, 1248 Edgerton Av., St. Paul
Alvord, S. W., 4013 Sheridan Av. S.
Anderson, H. M., 719 S.E. Fulton St.
Anderson, O. W., 720 E. 16th St.
Anderson, W. L., 720 E. 16th St.
Anderson, Gordon, 2904 Girard Av. S.
Anderson, Harry, 1098 11th Av. S.E.
Anderson, Walter, 415 E. 14th St., Apt. No. 2
Antisdel, Ernest, 2415 W. 42nd St.
Aschenbeck, Laura, 731 4th Av. N.
Asplin, Harold, 3136 Oakland Av.
Asselin, R. A., 4334 Nicollet Av.
Aynsley, Catherine A., 358 Pleasant Av., St. Paul
Bacon, Mabel, 1501 11th Av. S.
Baker, R. K., 3225 Elliott Av.
Ballard, Earle R., 1154 Portland Av., St. Paul
Bardill, O. H., 1717 Thomas Av. N.
Barton, A. D., 3631 Dupont Av. N.
Bauman, Herman, 1725 Girard Av. N.
Beal, Ralph, 925 17th Av. S.E.
Beck, Frieda, 4400 Washburn Av. S.
Bedard, Raleigh, 1531 22nd Av. N.
Beisang, Anthony, 122 Yale Place
Berg, S. E., 3549 Stevens Av.
Berglund, Wallace, 1902 Penn Av. N.
Bertelson, Arthur, 3917 10th Av. S.
Beveridge, G. G., 3832 Stevens Av.
Birr, C. H., 115 S. 4th St.
Bitcek, Eugene, 1922 7th St. S.
Blackberg, S. E., 4206 Dupont Av. N.
Blackney, V. W., 22 E. 15th St.
Boody, F. J., 3755 Lyndale Av. S.
Booker, A. W., 327 E. 16th St. no. F.
Borovansky, F. J., 399 Superior St., St. Paul
Bortinek, Louis, 1132 Humboldt Av. N.
Boulay, J. A., 428 S. 8th St.
Brandl, R. B., 1070 Ashland Av., St. Paul
Brink, W. F., 5149 30th Av. S.
Brockman, R. M., 191 Macalester Av., St. Paul
Brokaw, F. A., 1805 Carroll Av., St. Paul
Brown, E. H., 2700 Elliot Av.
Brown, I. G., 175 Iglehart Av., St. Paul
Brown, T. C. W., 3753 Dupont Av. S.
Brown, Paul, 504 Ridgewood Av.
Buck, J. W., 1120 Dupont Av. N.
Bullis, H. E., 2323 Garfield N.E.
Burns, Anne L., 310 12th Av. S.E.
Camp, C. S., 921 Chicago Av.
Carlson, C. O., 510 Queen Av. N.
Carlson, R. V., 1920 Crystal Lake Av. N.
Carlson, W. C. E., 276 21st Av. S.
Carlstrom, A. H., 2123 Emerson Av. N.
Carr, C. A., 3506 14th Av. S.
Carrington, H. J., 112 E. 37th St.
Cederberg, William, 4516 15th Av. S.
Chailquist, F. R., 3639 Sheridan Av. N.
Champlin, J. E., Y. M. C. A.
Chapsky, Louis M., 1415 Douglas Av.
Chase, R. L. 3137 40th Av. S.
Cheney, R. C., 2309 32d Av. S.
Christensen, W. A., 969 Edmund St., St. Paul
Clute, R. V., 2111 Marshall av., St. Paul
Cohen, J. G., 1203 N. Aldrich
Condit, L. A., 1810 Clinton Av.
Crawford, Mabelle, 1819 Lyndale Av. S.
Cumming, H. F., 2502 Sheridan Av. N.
Cunningham, E. E., 2195 Carter Av., St. Paul
Curtis, E. B., 1608 Clinton Av.
Dahl, N. H., 130 E. 38th St.
Dahl, Ed, 2827 N. 3d St.
Danforth, M. L., 3110 Fremont Av. S.
Darst, Ethel, 519 S. 9th St.
Davey, C. H., 3737 Portland
Davies, Margaret, 149 Summit Av., St. Paul
Davis, J. L., 4339 Pleasant Av.
Dearth, L. W., 2867 James Av. S.
Derby, L. M., 108 W. Rustic Lodge Av.
Dietrich, W. F., 2419 Chicago Av.
Dietrich, Arthur, 1423 Morgan Av. N.
Dillahunt, W. G., 5531 Colfax Av. S.
Dirba, Charles, 2309 5th Av. S.
Dixon, N. D., 2519 Emerson Av. S.
Dobs, R. F., 1706 Hawthorne Av.
Doerr, H. H., 3700 16th Av. S.
Doimer, Arne L., 2011½ S. 6th St.
Dolney, Ann C., 612 S.E. Ontario St.

Donavon, Claire, 440 Roy St., St. Paul
Dowlan, Rosalie, 1779 Carroll Av., St. Paul
Drinkwater, C. H., 3429 Portland av.
Duffy, G. L., 2010 3d Av. S.
Dunn, Eva L., 1705 25th Av. N.
Dunn, Ross E., 4346 1st Av. S.
Dupwick, A. E., 4915 Garfield Av.
Earenfight, Linnette, 3634 N. Dupont
Eastman, H. V., 4321 Elliott Av.
Edsten, Doris, 4549 Abbott Av. S.
Eielby, Walter, 3135 46th Av. S.
Ekblad, E. G., 3112 43d Av. S.
Ellsworth, C. O., 1810 Clinton Av. S.
Elser, L. B., 3641 Park Av.
Emmons, R. D., 1535 N.E. Adams St.
Engman, Fridolph, 2446 Chicago Av.
Erblang, A. A., 299 W. 6th St., St. Paul
Evans, J. W., 3521 W. 28th St.
Exworthy, Frances, 1910 N.E. McKinley St.
Fares, G. M., 2309 Elliott Av.
Farmer, E. H., 4347 Garfield Av.
Farnsworth, R. W., 2951 Morgan Av. N.
Ferrian, W. S., 116 S.E. 4th St.
Fewer, W. J., 1218 N.E. 2nd St.
Finden, Sitona, 1416 Portland
Fitzpatrick, Lulu G., 1316 Vine Place
Flemming, Eleanor, 2550 N.E. Monroe St.
Flood, J. L., 211 S. 11th St.
France, Alexander, 4516 Drew Av. S.
Franzen, E. T., 1010 E. 19th St.
French, R. W., 1018 16th Av. S.E.
Friedman, Irving, 1040 Irving Av. N.
Fritts, B. V., 3315 Nicollet Av.
Ganzer, J. H., 816 S.E. 8th St.
Gelhart, H. C., 2818 1st Av. S.
Gensler, Sarah R., 709 Bradford Av. N.
Gibbons, Frank, 1404 Spruce Place
Gibson, W. W., 1515 Vine Place
Gilfillan, W. R., 4001 Wentworth
Gillis, L. G., 2503 Pierce St.
Gjerde, Sigverd, 2303 30th Av. S.
Gohlke, C. G., 3821 4th Av. S.
Goldstein, Louis, 743 Ashland Av., St. Paul
Gooley, H. J., 26 15th St. N.
Gotberg, Paul, 3837 Nicollet Av.
Graham, J. L., 301 Aldrich Av. N.
Granning, Carl, 2347 Upton Av. N.
Gravender, Milton, 3216 17th Av. S.
Green, H. B., 1325 W. 27th St.
Green, Howard, 58 Chamber of Commerce
Griffiths, Bertha, 3409 Aldrich Av. S.
Griswold, L. W., 107 W. Island Av.
Grossbusch, Magdalene, 124 E. 14th St.
Gunnerson, J. M., 1725 Emerson Av. S.
Gustafson, Victoria, 1311 Chestnut Av.
Guthrie, Carrie T., 2010 Park Av., Flat E
Haas, Casper, 1004 Grand Av., St. Paul
Haas, Edmond J., 107 W. Grant St.
Hagg, Arthur, 913 E. 26th St.
Hagman, W. R., 121 S.E. Cecil St.
Hagman, Ernest, 121 S.E. Cecil St.
Hallam, Arthur, 90 N. 16th St.
Hanson, G. E., The Leamington.
Harrigan, Nell C., 611 N.E. Broadway
Harris, Sally P., 105 Vine Hall
Harrison, Carl J., 3112 10th Av. S.
Harvey, A. J., 617 E. 14th St.
Harwood, Stanley, 2644 Aldrich Av. S.
Haslund, Arthur, 1701 Portland Av.
Hasselberg, A. W., 4749 Park Av.
Hauge, Arthur, 4056 10th Av. S.
Hawk, T. E., 1207 Oliver Av. N.
Hayes, Fred M., 3405 3d Av. S.
Hayes, H. J., 1999 Ashland Av., St. Paul
Heck, Norman H., 424 S. 7th St.
Hedquist, R. J., 2709 Stevens Av.
Hendrickson, H. N., 3041 Stevens Av.
Hermstad, L., 1910 N.E. Pierce St.
Hill, Elmer M., 3019 Morgan Av. N.
Hill, Grant E., 416 S.E. Erie St.
Hillman, P. L., 4017 12th Av. S.
Himmelman, Harry, 554 6th Av. N.
Hinman, Kathleen, 52 S. 10th St.
Hodge, Albert C., 615 9th Av. S.E.
Hodge, Rodney, 3145 Park Av.
Hodgkins, Donald, 3028 Park Av.
Hoffman, J. W., 428 8th St. S.
Hogan, Kathryn, 505 Sykes Bldg.
Hokanson, Esther M., 1269 Thomas St., St. Paul
Hollingsworth, Ralph, 1107 13th Av. S.E.
Horn, D. H., 2546 N.E. Fillmore St.
Horstman, F. A., 1319 Yale Place
Howser, Claude M., 911 7th Av. S.
Hughes, C. F., 2418 Ferrant Place
Idzal, Cecilia, 1604 Chicago Av.
Jackson, H. M., 1914 N.E. Pierce St.
Jackson, W. J., 322 13th Av. S.E.
Jackson, Claire A., 1616 Edmund St., St. Paul
Jackson, Clifford, 2214 14th Av. N.
Jacobson, Henry, 3149 21st Av. S.
Jaffa, Goldie, 704 Dupont Av. N.
James, Albert C., Hotel Maryland
Jensen, Carl J., 1913 Clinton Av.

Johnson, B. L., 3919 2nd Av. S.
Johnson, C. E., 4817 Upton Av. S.
Johnson, J. H., 4039 Queen Av.
Johnson, R. E., 4517 30th Av. S.
Johnson, Aaron, 1317 4th Av. S.
Johnson, Arthur, 3417 Oakland Av.
Johnson, Arthur E., 3824 Chicago Av.
Johnson, Axel E., 1504 Clinton Av. S.
Johnson, Ethel, 1325 1st Av. S.
Johnson, Evan M., 1335 Oliver Av. N.
Johnson, Leander, 1115 Harmon Court, Flat A1
Johnson, Lillian P., 2911 Lyndale Av. N.
Johnson, Mary B., 3919 2d Av. S.
Kedney, F. S., 3203 Lyndale Av. S.
Kemp, Harry, 5115 Lyndale Av. S.
Kennedy, Annie, 23 5th Av. S.
Kersten, Ida C., 432 N.E. Adams St.
Kiley, Veronica, 1316 Vine Place
Kimmel, F. W., 1515 Lagoon Av.
King, Samuel E., 2912 Fremont Av. N.
Kingbay, I. I. B., 2119 Cedar Av.
Kinports, Mabel, 1425 Vine Place
Kjelsberg, Clara, 3824 Chicago Av.
Klein, Frank, 897 Cromwell Av., St. Paul
Knight, F. S., 960 Selby Av., St. Paul
Knudson, H. B., 3222 15th Av. S.
Kootz, J. T., 612 E. Franklin Av.
Krone, F. O., 1422 Logan Av. N.
Kulberg, David, 615 E. 17th St.
Kulp, D. E., 4038 Wentworth Av.
Ladd, Archer P., 2116 Chicago Av.
Lane, J. F., 811 16th Av. N.
Lahart, J. S., 2510 Garfield Av.
Larsen, Abbie, 1414 Harmon Place
Larsen, Agnes M., 827 18½ Av. N.E.
Larsen, Roy F., 2720 31st Av. S.
Larson, J. S., 1600 Aldrich Av. N.
Lathan, E. M., 3814 Columbus Av.
Lee, Reynold A., 2024 30th Av. S.
Le Faivre, Edgar, 3613 Portland Av.
Le Febre, Rose M., 1903 1st Av. S.
Leitzman, Fred, 414 33d Av. N.
Lenske, Reuben, 611 Fremont Av. N.
Leverentz, Andrew, 311 30th Av. N.
Leverentz, Carl, 55 Williams Av. S.E.
Levinson, Louis, 914 Bryant Av. N.
Lewis, M. H., 2012 Garfield Av.
Lienan, T. Clair, 19 N. 15th St., Apt 4
Liljengren, Arnold L., 2424 Elliott Av. S.
Liljenstrom, W. J., 914 W. 36th St.
Limburg, P. H., 3605 10th Av. S.
Lind, P. A., 3245 Blaisdell Av.
Lindell, Alma, 2218 7½ St. S.
Linder, H. W., 2119 17th Av. S.
Lindquist, H. C., 4511 Wentworth Av.
Linne, Award, 409 S.E. Oak St.
Linnerooth, Sidney H., 762 Duluth Av., St. Paul
Lostetter, R. J., 4409 Zenith Av. S.
Loth, Ruth, 1711 Queen Av. N.
Lundeen, Mabel, 1423 Wash St. N.E.
Lyman, Martha, 2433 Portland Av.
Lysserup, T. M., 3016 29th Av. S.
McCabe, R. L., 1713 4th St. S.E.
McConville, A. L., 2331 Monroe St. N.E.
McDonald, Sarah, 4307 Fremont Av. N.
McHenry, Robert D., 389 Dayton Av., Apt. 42, St. Paul
McKay, W. R., 4415 Stevens Av.
McKewin, G. L., 1010 Cromwell Av., St. Paul
McLain, C. A., 110 E. 25th St.
McLane, J. J., 2745 Hennepin Av.
McLaughlin, H. J., 2230 N.E. Hayes St.
McLeod, J. B., 1451 W. Lake St.
Magnuson, Ernest, 2101 10th Av. S.
Martin, J. M., 867 Iglehart Av., St. Paul
Martinson, Annetta, 415 James Av. N.
Matheis, O. N., 1004 Lincoln, St. Paul
Mather, S. R., 3136 James Av. S.
Mathews, R. L., 2551 Dupont Av. S.
Matson, R. A., 77 Old Chamber of Commerce
Mattson, W. A., 106 14th St.
Meier, Angelina, 1712 Dayton Av., St. Paul
Melamed, Louis, 867 Iglehart Av., St. Paul
Melamed, M. L., 867 Iglehart Av., St. Paul
Merrill, L. H., 3833 Stevens Av. S.
Miller, C. R., 2609 Columbus Av.
Miller, O. H., 3345 2nd Av. S.
Monasch, Jerome, 2201 Oliver Av. S.
Monasch, Stanley, 2201 Oliver Av. S.
Moore, Zellia, 3712 Upton Av. S.
Mulligan, John, 4311 Blaisdell Av.
Mulvahill, J. E., 1846 E. 26th St.
Nachtigal, Ottillie, 654 Aurora Av., St. Paul
Nauman, Richard, 89 Ash St., St. Paul
Neass, A. E., 1690 Capitol Av., St. Paul
Neils, Henry J., 1931 Park Av.
Nestor, Charles G., 3808 Oakland Av.
Nettleton, H. E., 721 Met. Life. Bldg.
Neumeier, C. J., 3820 Garfield Av. S.
Neuses, M. R., 1918 Morgan Av. N.
Nevin, Genevieve M., 3322 Clinton Av.
Newell, L. L., 1918 Morgan Av. N.
Niemackel, W. E., 725 E. 17th St.

Niles, J. B., 2232 Carter Av., St. Paul
Nilson, M. N., 830 24th Av. S.
Nimerfroh, G., 3936 Portland Av. S.
Nolan, J. A., Jr., 2512 Chicago Av. S.
Nordquist, Helen, 337 E. 18th St.
Nyholm, Clarence, 1731 Morgan Av. N.
Obara, Shiro, 723 Marquette Av.
Oberg, E. N., 226 S.E. Harvard St.
Odlin, Cecil, 3548 Colfax Av. S.
Ogren, Sigurd, 917 31st Av. N.
Olsen, H. G., 916 Franklin Terrace
Olson, T. J., 4042 Colfax Av. N.
Olson, J. W., 3146 1st Av. S.
Olson, O. C., 1253 Lafond St., St. Paul
Olson, Melvin, 2729 Colfax Av. S.
Olson, Paul, 2538 N.E. Taylor St.
Orr, R. S., 2509 Emerson Av. N.
Orth, Fred, 612 15th Av. S.E.
Ortley, Arthur, 913 16th Av. S.
Owen, Clifford, 1821 Elliott Av.
Owens, Paul, 2815 Calhoun Blvd.
Parsons, W. D., 4217 Bryant Av. S.
Paul, Ernest, 2121 Bryant Av. S.
Paulson, Hazel, 1426 N.E. Jefferson St.
Pelletier, B. J., Chamber of Commerce
Pennell, E. D., 4100 Upton Av. S.
Perper, Jack, 400 Emerson Av. N.
Person, V. H., 315 Newton Av. N.
Person, Joseph, 1216 Humboldt Av. N.
Peterson, E. G., 1823 25th Av. N.
Peterson, Caroline, 3924 Pillsbury Av.
Peterson, George A., 60 E. Summit Av., St. Paul
Peterson, Robert, 690 Lowry Av. N.E.
Peterson, Walter V., 923 Chicago Av.
Petry, R. J., 1802 Marshall Av., St. Paul
Phillips, P. W., 1451 W. 33rd St.
Pierce, E. C., 4616 Grand Av.
Pinkerton, J. M., 1922 Penn Av. N.
Polczak, J. A., 923 N.E. Marshall St.
Pomeroy, F. E., 2404 Nicollet Av.
Porter, C. A., 3851 Grand Av.
Pratt, S. A., 2540 14th Av. S.
Preston, E. R., 1507 Dupont Av. N.
Rademacher, Loren, 3523 Stevens Av.
Reagan, J. H., 2016 Selby Av., St. Paul
Reed, Alice M., 4536 Vincent Av. S.
Reinhart, Vernon D., 1920 Emerson Av. S.
Reynolds, J. E., 4929 Pleasant Av.
Reynolds, George, 3811 10th Av. S.
Richard, G. M., 303 19th Av. S.
Rickel, J. G., 4629 Fremont Av. S.
Riedel, Aage, 2716 Hennepin Av.
Rissman, A. H., 3120 Columbus Av.
Roberg, C. F., 3020 Bryant Av. S.
Roden, Thomas, 3228 5th Av. S.
Roehl, Catherine, 2011 N. 3d St.
Rose, F. H., 200 E. 27th St.
Rose, Carroll H., 926 13th Av. S.
Rosholt, T. G., 977 14th Av. S.E.
Ross, F. H., 1704 Park Av.
Rumsey, Hazel, 1915 1st Av. S.
Rundell, E. A., 3432 Holmes Av.
Rundquist, Eunice, 3812 Harriet Av. N.
Rutherford, M. V., 1547 Hillside Av. N.
Rutherford, Richard, 1016 27th Av. N.E.
Rychman, Joseph, 2644 30th Av. S.
Rye, Carlton, 1407 Girard Av. N.
Sampson, Morris, 2122 5th St. S.
Sandahl, H. E., 3844 Elliott Av.
Sattley, Archie, 3223 Garfield Av.
Sawyer, Russell, 2514 4th Av. S.
Schaaf, Urban, 2121 Bryant Av. N.
Schilling, P. A., 879 Thomas St., St. Paul
Schomberg, W. J., 2015 Dupont Av. S.
Schultz, Henry F., 821 12th Av. N.
Schwartz, Isadore, 914 Emerson Av. N.
Schwarz, Alfred, 828 12th Av. N.
Seaman, H. A., 1689 Van Buren St., St. Paul
Segelbaum, Chas., 2600 Grand Av.
Shannon, Joseph, 1118 Como Av. S.E.
Sharrot, Florence, 3920 Oakland Av.
Shattuck, I. E., 3322 Blaisdell Av.
Shea, Ray L., St. Cloud, Minn.
Sheehan, John, 1820 Dupont Av. N.
Sheridan, C. R., 2908 12th Av. S.
Shoemaker, Alice, 711 Douglas Av., Flat No. 6
Shortall, J. O., 2920 Garfield Av. S.
Simpson, Edythe, 3808 5th Av. S.
Sinclair, R. D., 947 Iglehart Av., St. Paul
Skahen, Mrs. M. E., 1514 Newton Av. N.
Smith, H. H., 2604 Clinton Av.
Smith, R. O., 2811 Bryant Av. N.
Smith, Aloysius W., 4050 Wentworth Av.
Smith, Anna, 1711 Lyndale Av. N.
Solon, Milton, 4104 Bryant Av. S.
Sprague, Gordon, 1103 S.E. 4th St.
Squiers, B. R., 900 Soo Line Bldg.
Stansberry, Nellie, 726 S. 17th St.
Stansbury, R. F., 1185 Ashland Av., St. Paul
Stark, Linden L., 1415 N.E. Madison St.
Starks, C. F., 4117 3d Av. S.
Stebbins, R. S., 3119 Clinton Av.
Stewart, Alvin, 3706 N.E. Quincy St.
Stiles, William, 2640 15th Av. S.

Stolp, Arne, 2304 11th Av. S.
Straka, Paul, 621 S.E. Ontario St.
Strickland, Margaret, 2100 2nd Av. S.
Striegl, S. A., 609 S.E. Oak St.
Sullivan, Helen, 934 Cromwell Av., St. Paul
Sunne, Edwin, 4021 12th Av. S.
Sussel, Bernard, 313 E. 14th St., St. Paul
Sutherlin, E. B., Curtis Court
Swan, Florence M., 3900 Pleasant Av.
Swanson, A. W., 4331 Blaisdell Av.
Swanson, E. L., 813 Lowry Av. N.E.
Tadsen, F. C., 105 E. 25th St.
Ten Voorde, Mabel, 2916 3d Av. S.
Thorshaug, Olaf, 208 S.E. Cecil St.
Thuras, Harold, 1520 1st Av. S.
Trytten, J. M., 503 Washington Av. S.E.
Tisdale, Noble, 3144 Irving Av. S.
Tucker, Mrs. Meta C., 2218 Dupont Av. N.
Turner, W. H., 3224 Oakland Av.
Utley, Roxie Belle, 325 E. 27th St.
Vander Bie, B. F., 4929 Vincent Av. S.
Villesvik, J. K., 3023 Dupont Av. N.
Vreeman, Anton, 322 13th Av. S.E.
Wagner, J. F., 329 12th Av. N.E.
Wallace, Edith M., The Leamington
Wangaard, A. C., 904 16th Av. S.
Weingart, A., 3346 Emerson Av. N.
Weisman, Esther, 802 Irving Av. N.
Weisman, Jennie, 802 Irving Av. N.
Weitzel, Frederick, 5152 Washburn Av. S.
Welliver, L. R., 163 Bedford St. S.E.
Wentz, Harry, 1513 Bryant Av. N.
Wentzel, W. E., 335 Busch Terrace
West, Nellie M., 2806 17th Av. S.
Westerman, H. V., 2936 Dupont Av. S.
Wheeler, Carrie, 3336 Irving Av. S.
Wichman, A. H., 731 E. 28th St.
Wicht, Fred, 1169 14th Av. S.E.
Wick, Emily, 1219 N.E. Adams St.
Will, F. L., 4037 Harriet Av.
Wilson, William C., 812 Washington Av. S. E.
Wisner, Ina C., 2024 Dupont Av. S.
Wolff, E. A., 1727 Irving Av. N.
Wolkoff, William, 586 Canada St., St. Paul
Wood, G. B., 3144 Clinton Av.
Woolpy, Evelyn, 1817 Chicago Av.
Wren, J. R., 353 Broadway N. E.
Wright, Ethel J., 3220 Grand Av.
Yerxa, Clifford M., 608 S.E. 7th St.
Young, Marie L., 2420 Elliott Av.
Zagschevert, M. J., 415 S. Osceola, St. Paul
Zulauf, W. E., 4412 Yerxes Av. S.
Zwick, W. E., 1602 Emerson Av. N.

ST. PAUL

Abel, George J., 783 Aurora Av.
Acker, O. L., 746 Cook St.
Adkins, W. O., 638 Central Park Place
Amon, F. R., 689 Case St.
Anderson, C. A. L., 954 Westminster
Anderson, G. W., 661 North St.
Angell, J. F., 605 Ottawa Av.
Beebe, K. E., 1408 W. Minnehaha St.
Beirstettel, L. J., 1506 Lincoln Av.
Benson, J. R., 751 Fauquier St.
Blandin, A. A., 655 Portland Av.
Bockstruck, Herbert, 661 Laurel Av.
Borovansky, F. J., 399 Superior St.
Borovansky, J. A., 479 Michigan St.
Brokaw, F. A., 1805 Carroll Av.
Broten, Anton, 342 Fuller Av.
Brown, Allyn, 781 Curfew Ave.
Buetow, Herbert, 733 Charles St.
Buetow, Paul C., Nat'l. Capital Bank
Canniff, Elva D., 185 W. Brompton, W. St. Paul.
Carlsen, A. E., 687 Dayton Av.
Carlson, C. R., 1138 Jessie St.
Castner, P. H., Peoples Bank of St. Paul
Coller, Walter, 1149 Ashland Av.
Connolly, F. J., 466 Dayton Av.
Conway, M. J., 857 Cherokee Av.
Corcoran, J. J., 667 Como Blvd.
Cottor, Emil, 193 Iglehart Av.
Delander, N. P., 733 Cook St.
Doe, Richard H., 381 Ferdinand St.
Doughty, Ruth, 181 College Av.
Doyle, Kathryn, 479 Laurel Av.
Edwards, J. Willard, 306 N. Cleveland Av.
Ekblad, Emanuel, 3112 43d Av., S. Minneapolis.
Emery, Marion G., 93 Kent St., Flat No. 8
Engstrom, Theo. A., 694 Sims St.
Enoch, Frank, 1382 Breda St.
Erblang, A. A., 299 W. 6th St.
Ertz, A. L., 796 Osceola Av.
Fitzpatrick, E. R., 713 Tuscarora Av.
Fleckenstein, R., 45 Lexington Av. S.
Fogg, F. M., 285 Summit Av.

Foley, T. W., 51 Cleveland Av. S.
Fox, L. A., 848 Cottage
Gardner, I. O., 1481 Ash Av.
George, C. W., 147 W. Summit Av.
Gerber, A. H., 1594 Portland Av.
Goff, F. W., 358 Bates Av.
Goldstein, Louis, 743 Ashland Av.
Gotke, Oscar, 655 Case St.
Grohs, L. A., 426 Cherokee Av.
Groser, F. J., 88 W. Morton St.
Gruber, Jeffrey, 2349 Commonwealth Av.
Gustafson, C. I., 1166 Burr St.
Harding, A. R., 410 Iglehart Av.
Haselbeck, H., 733 Jessamine Av.
Hoffman, Florence, 1178 Ashland Av.
Hoklas, H. W., 554 Y. M. C. A.
Honebrink, W., 916 Beech St.
Jensen, A. O., 668 Central Park Place
Johnson, R. A., 971 Fuller Av.
Johnson, George A., 902 Woodbridge
Kadela, A. L., 389 View St.
Kasmirski, A. W., 242 Forbes Av.
Kerker, Thomas, 1250 Capitol Av.
Kilby, Erminie, 118 Western Av. N.
Koenen, W. B., 318 Franklin Av. S.
Lang, F. W., 1982 E. Minnehaha St.
Larson, C. W., 912 Park Av.
Lavigne, J. A., 82 Tilton St.
Leinenkugel, E. J., 854 Linwood Place
Ley, Norbert H., 233 Nelson Av., Flat No. 17
Ley, Raymond H., 233 Nelson Av.
Linnerooth, Sidney, 1130 Fauquier St.
McDiarmid, Josephine, 547 Rondo St.
McKenzie, Edith, 34 E. Summit Av., Flat No. 5
Melamed, Louis, 867 Iglehart Av.
Melamed, M. L., 867 Iglehart Av.
Merry, C. R., 265 Dayton Av., Apt. M.
Michel, C. B., 610 Fuller Av.
Michel, G. A., 610 Fuller Av.
Miller, Herbert M., 982 Hastings Av.
Minea, B. V., 115 W. Robie St.
Moore, Margaret, 351 Bates Av.
Muggenbrug, Albert E., 707 Thomas St.
Mulliken, C. E., 521 S. Cleveland
Mulliken, W. F., 521 S. Cleveland
Munson, Clifford, 549 Selby Av.
Nelson, Elmer, 1357 Wynne St.
Norquist, E. O., 1100 Jessie St.
Oas, E. A., Jr., St. Paul Park
Oberg, S. L., 710 Rose St.
O'Brien, Genevieve, 511 Harrison Av.
Olsen, H. E., 182 Webster St.
Olson, W. S., 306 Williams St.
Pabst, G. W., Jr., 390 Hope St.
Patterson, D. K., 269 Brimhall Av.
Payne, Sam F., 838 Selby Av.
Peck, Rachael S., 1129 Minnehaha St.
Peters, Emma M., 332 Selby Av.
Peterson, G. A., 710 Cedar St., Flat No. 18
Peterson, M. A., 290 Iglehart Av.
Peterson, P. A., 428 Goodrich Av.
Phillip, Jack, 991 Hague Av.
Quinn, S. J., 344 University Av.
Raymer, W. H., 1835 Iglehart Av.
Ringe, A. H., 697 Goodrich Av.
Robbins, G. M., 610 St. Peter St.
Robertsen, A. H., 629 Ottawa Av.
Rosholt, T. G., 977 14th Av. S.E., Minneapolis
Rosine, H. P., 682 Orange St.
Rost, W. R., 604 Jessamine St.
Rowles, Florence, 1958 Selby Av.
Rylander, Eugene, 706 Sims St.
Schaffelke, H. A., 500 Bellows Av.
Schiffer, M. J., 615 Ashland Av.
Schilling, P. A., 879 Thomas St.
Schlinkert, Loretta, 2002 Grand Av.
Schlueter, Theodore, 665 Central Park Place
Schulte, Bernard F., 810 Margaret St.
Schultz, W. E., Y. M. C. A.
Schulze, H. C., 160 Maria Av.
Schwartz, Mary, 1064 Iglehart Av.
Sinclair, R. D., 947 Iglehart Av.
Skok, Eugene L., 295 Carroll Av.
Smith, Stanley J., 961 Ashland Av.
Spence, Fenton B., 301 S.E. Walnut St.
Spence, T. J., 929 Laurel Av.
Steinmueller, H. E., 760 Tuscarora Av.
Stewart, C. J., 1697 Capitol Av.
Stoffel, J. C., 985 E. 5th St.
Stolpestad, A. T., 44 Wheeler Av. S.
Sussel, B. J., 313 E. 14th St.
Swanson, M. S., 63 W. College Av.
Toner, John J., 552 Rice St.
Trierney, C. J., 476 Dayton Av.
Tweedale, A. E., 1860 Grand Av.
Vars, W. K., 1601 Edmund St.
Vaughan, Morgan, 420 Hamline Av. S.
Volkmann, G. W., 451 Edmund St.
Wahlquist, C. W., 1415 Lafond St.
Way, G. W., 77 Iglehart Av.
Wichman, W. A., 849 E. 5th St.
Winkel, A. H., 577 Thomas St.
Zehnder, F. C., 1165 Burns Av.

DULUTH

Anderson, L. O., 337 N. 59th Av. E.
Arneson, A. E., 101 E. 5th St.
Barton, D. D., Alexandria Hotel
Bigle, Frank, 224 W. 6th St.
Beschenbossel, C. C., 415 E. 4th St.
Boisjoli, Archie, 2417 W. 5th St.
Brown, C. F., 316 N. 16th Av. E.
Carey, Frank B., 1712 E. 5th St.
Cox, James, 1705 Tower Av.
Culmer, W. C., 2230 Vermillion Rd.
Cyr, A. T., 423 13th Av. E.
Denny, Harry J., 227 E. 5th St.
Eggers, A. C., 1105 E. 4th St.
Elliott, F., 808 Wolvin Bldg.
Fisher, Sherwood S., 407 E. 6th St.
Goss, Leander Mauritz, 221½ Devonshire St.
Hanson, Jarl W., 506½ E. 1st St.
Harvey, W. W., 844 W. 8th St.
Ingalls, Gilbert, 216 E. 4th St.
Jensen, Harvey A., 1014 12th Av. E.
Johnson, F. S., 11 4th Av. E.
Johnson, Walter R., 905 E. 5th St.
Larrabee, J. W., 215 W. 7th St.
Larson, A. L., 614 E. 9th St.
Larson, Roy, 808 Wolvin Bldg.
Laskowski, Frank S., 2918 W. Huron.
Linne, Thore J., 2217 W. 10th St.
Lundgren, G. F., 712 Lake Av. S.
Lundgren, Linnea A., 712 Lake Av. S.
McKibbin, T. E., 32 E. 5th St.
Mannheim, J. E., 1601 E. 5th St.
Marjamaa, Jafet, 506½ E. 4th St.
Martin, Edw. H., 531 Y. M. C. A.
Mostue, Erling, 120 E. 3rd St.
Murphy, James E., 312 E. 4th St.
Nelson, Arthur W., 114 E. 3rd St.
Olander, R. L., 911 N. 56th Av. W.
Olson, C. O., c/o Northern Shoe Co.
Peterson, Alvin, 2001 E. 4th St.
Potter, R. K., 506½ E. 4th St.
Pyfer, G. A., 120 8th Av. E.
Robertson, Myrtie B., 417 W. Superior St.
Schroeder, Peter, 317 N. 13th Av. E.
Swartendrover, Lisle, Y. M. C. A.
Townsend, R. E., 605 Woodland Av.
Walstad, Justin A., 6415 Green St.
Williams, Maude, 227 W. 3d St.
Witz, Gertrude, 120 E. 4th St.
Zygmanski, John P., 1215 E. 8th St.

DEPARTMENT OF ENGINEERING INSTRUCTION

MINNEAPOLIS

Anderson, Arthur A., 1252 Lincoln Av.
Anderson, C. B., 2118 E. 25th St. S.
Anderson, L. O., 4448 46th Av. S.
Baptiste, N. R., 1710 19th St. E.
Bartholomew, Roy O., Fort Snelling.
Batzli, Oscar, 222 S.E. 6th St.
Bishop, L., 4617 Vincent S.
Blum, John K., 4049 5th Av. S.
Boake, J. G., 4124 Sheridan Av. S.
Bowers, C. A., 2577 16th Av. S.
Brent, J. F., 1687 Minnehaha W.
Brewick, I. M., 3036 Longfellow Av.
Brown, C. A., 2527 16th Av. S.
Butler, H. C., 3120 Humboldt Av. S.
Chrisler, E. T., 320 17th Av. S.E.
Christenson, H. T., 914 24th Av. N.
Christianson, W., 3245 22nd Av. S.
Clow, Margaret B., 1900 Park Av.
Clow, Nell L., 1900 Park Av.
Cook, Willard C., 90 S.E. Emerald St.
Corbett, Merrill P., 1108 25th Av. S.E.
Dale, Dallas, 429 2nd Av. S.E.
Dalton, Chas. A., 3228 4th Av. S.
Devine, Al, 575 Aurora Av., St. Paul.
Devitt, Thos. P., 716 Van Buren Place, St. Paul.
Dewey, John C., 3111 E. 31st St.
Dickerson, C. R., 3452 Nicollet Av.
Dorrence, B. M., 6 S. 11th St.
Draves, Clarence W., 2518 S. 7th St.
Drews, E. H., Henrietta Apts. Annex.
Eckert, Wm. F., 1747 Marshall Av., St. Paul.
Engberg, Elmer V., 2809 5th Av. S.
Engberg, Oscar S., 2809 5th Av. S.
Faulian, George, 3025 29th Av. S.
Felstad, Albert E., 1996 Carroll Av., St. Paul.
Findlayson, J. J., 24 Summit Av., St. Paul.
Fossum, Gordon M., 3825 11th Av. S.
Frank, Carl W., 2921 18th Av. S.
Frank, Emil H., 2312 30th Av. S.
Furnholmen, E., 3412 W. 29th St.
Gilman, H. B., 3417 Park Av.
Gilstad, Arthur, 896 Sims St.
Goode, Myra A., 65 Clarence Av. S.E.
Gorman, Chas., 718 S.E. 6th St.
Grant, E. E., 3209 17th Av. S.
Grant, Norman W., 617 23rd Av. S.
Groves, Susan M., 3241 Irving Av. S.
Hafner, J. M., 1621 Washington St. N.E.
Hansen, J. W., 3410 19th Av. S.

Hanson, H. F., 374 Herschel Av., St. Paul.
Harrington, Helen, 1823 Park Av.
Harrison, Clayton, 1943 N.E. Pierce St.
Hellier, Martin A., 3635 Fremont Av. N.
Herwick, Arne, 1829 University Av. S.E.
Holan, J. P., 819 S. 8th St.
Inman, J. M., 1107 2nd Av. S.
Jelinek, F. M., 1805 2nd Av. S.
John, E. O., 373 Maple St., St. Paul.
Johnson, E. A., 736 Geranium St., St. Paul.
Johnson, E. J., 2349 Territorial Road, St. Paul.
Johnson, F. J., 3017 41st Av. S.
Johnson, F. O., 2117 Commonwealth Av., St. Paul.
Johnson, K. V., 385 Clinton Av., St. Paul.
Johnson, N. O., Eitel Hospital.
Johnson, Robert, 1431 N.E. Washington St.
Kauser, Paul, 926 Washington Av.
Kline, John, 2705 17th Av. S.
Klingenberg, C. F., 3104 Minnehaha Av.
Koester, G. H., 4039 37th Av. S.
Kohn, A. R., 425 Emerson Av. N.
Kroening, Emil, 1875 Chilton St.
Krogh, Victor E., 2636 14th Av. S.
Kuck, E. H., 3420 32nd Av. S.
LaHines, Addah L., 2413 1st Av. S.
La Point, A. J., 1625 Emerson Av. N.
Lee, C. C., 3845 Lyndale Av. S.
Levin, C., 3308 Longfellow Av.
Lindquist, Einer, 3606 Bloomington Av.
Lovejoy, Julian, Hotel Landour.
McManamna, G. P., 10th Av. N. and Washington
Macking, C. A., 3312 1st Av. S.
Magnuson, Andrew, 804 Hawthorne St., St. Paul.
Mansen, Andrew, 3053 15th Av. S.
Mastrangelo, Lingi T., c/o J. S. Bradstreet & Co.
Mathews, J. B., 2727 17th Av. S.
Miller, F. E., 715 Thomas St.
Miller, Roy W., 1135 Washington St. N.E.
Mosher, R. W., 643 18th St. E.
Murray, W. N., 1136 Humboldt Av. N.
Nelson, A. H., 1134 14th Av. S.E.
Nodell, Leonard, Curtis Court.
Oakley, Fayette F., 2815 N. 47th St.
Odenbreit, F. L., 3818 Chicago Av. S.
Olson, J. M., 1527 N.E. Adams St.
Olson, Milford, 752 Reaney St.
Overholt, L. E., 2709 Emerson Av. S.
Palmer, L. J., 1973 Princeton Av., St. Paul.
Parry, J. E., 18 Oakly Av., St. Paul.
Pavlecka, Raymond P., 404 Daly St., St. Paul.
Pew, H. S., 3112 3rd Av. S.
Pieh, Lillie M., 818 E. 18th St.
Pierson, W. G., 2908 29th Av. S.
Pitney, E. H., 1414 W. 26th St.
Pugh, Guy L., 2659 N. Queen Av.
Reeves, Harry L., 856 Eustis St., St. Paul.
Rose, J. L., 3009 Calhoun Blvd.
Ryan, James L., 720 Cedar St., St. Paul.
Rydell, M. G., 832 Pusey Av., St. Paul.
Schirling, H., 3117 38th Av. S.
Shoberg, G. L., 4104 E. 44th St.
Silkenson, Lyman, Northwestern Tele. Co.
Sinclair, Albert, 610 9th St. S., Apt. No. 203.
Siverson, S. M., 3412 32nd Av. S.
Skarnes, Harris, 924 Franklin Terrace.
Skullerud, Arthur C., 2324 S. 7th St.
Snook, Florence, 2601 Humboldt Av. S.
Soderstrom, A., 3204 29th Av. S.
Sommer, Axel, 4400 44th Av. S.
Sorenson, Axel, 3141 30th Av. S.
Staehle, Gilbert C., 1908 Hennepin Av.
Stock, E. G., 65 11th St. S.
Stratton, Thomas A., 3101 Girard Av. S.
Stroebel, John, 5229 34th Av. S.
Strom, F. H., 1099 E. Orange St.
Swanberg, A. J., 801 Curfew Av., St. Paul.
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